

Figure 1

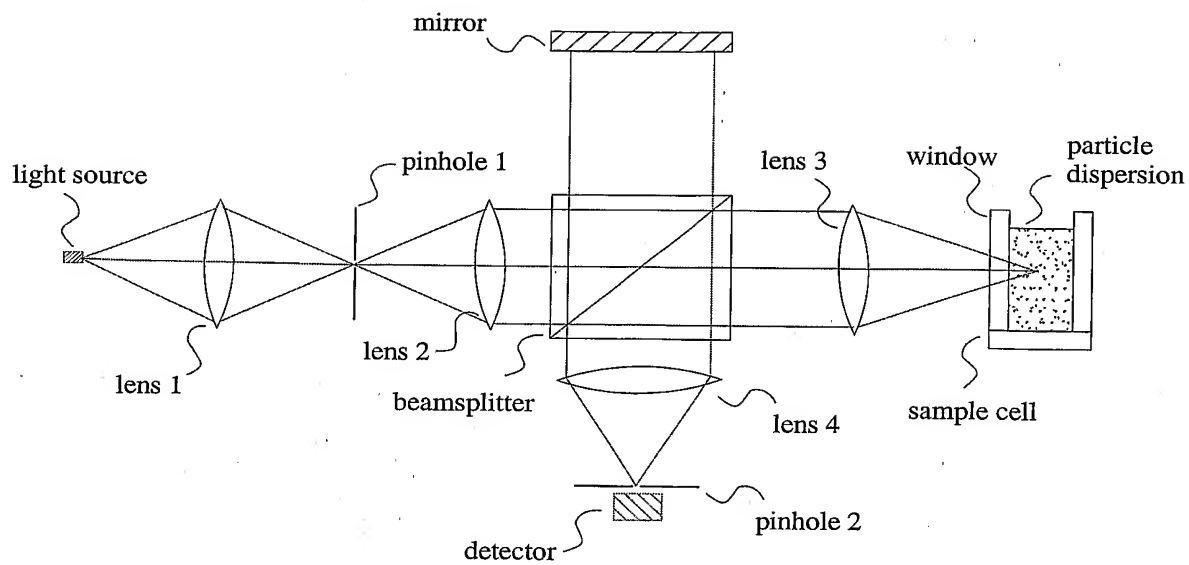


Figure 2

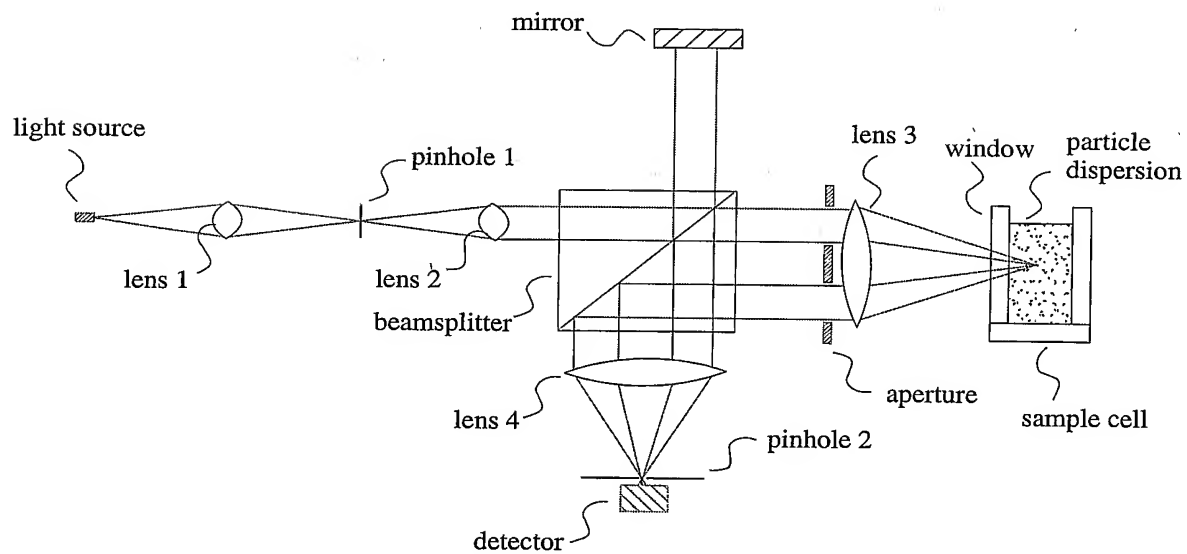


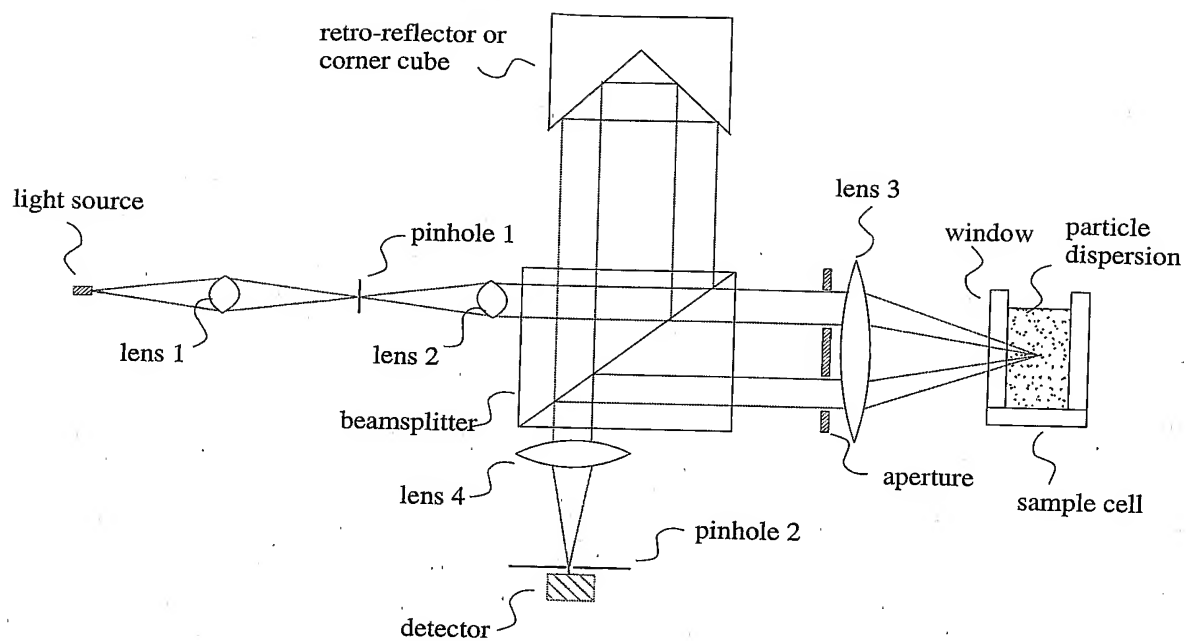
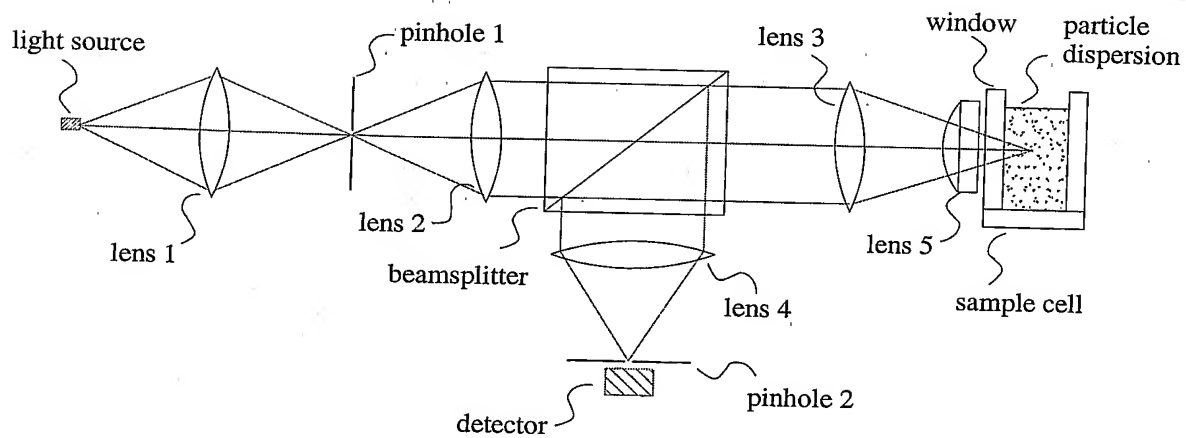
Figure 3**Figure 4**

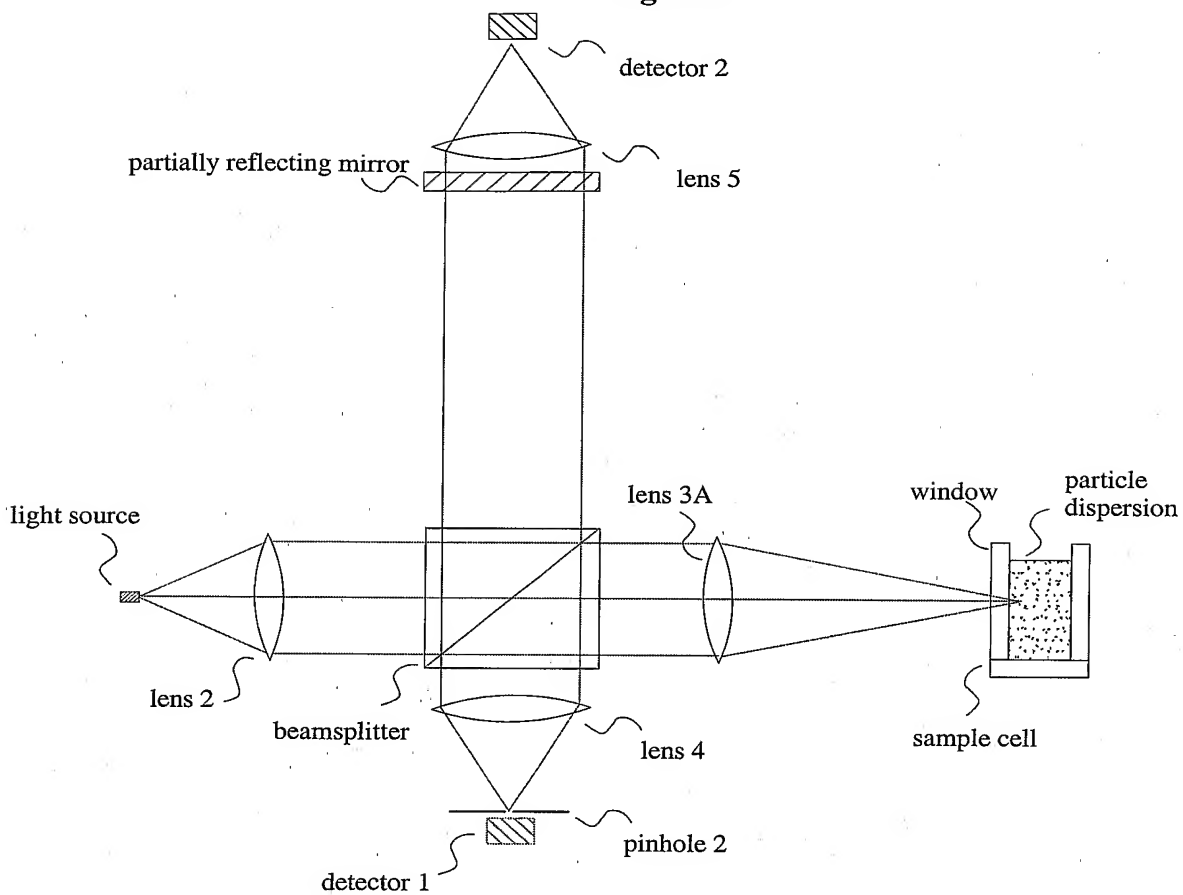
Figure 5

Figure 6

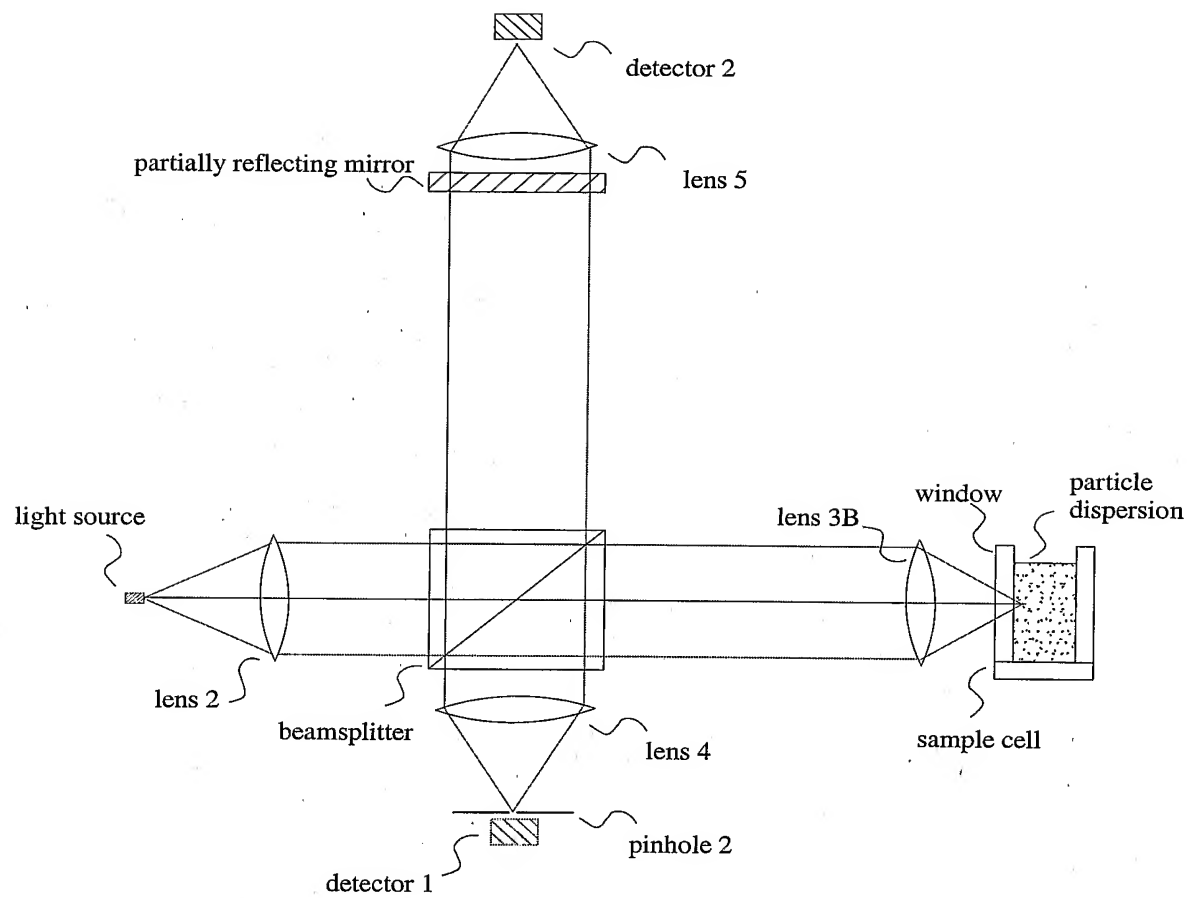


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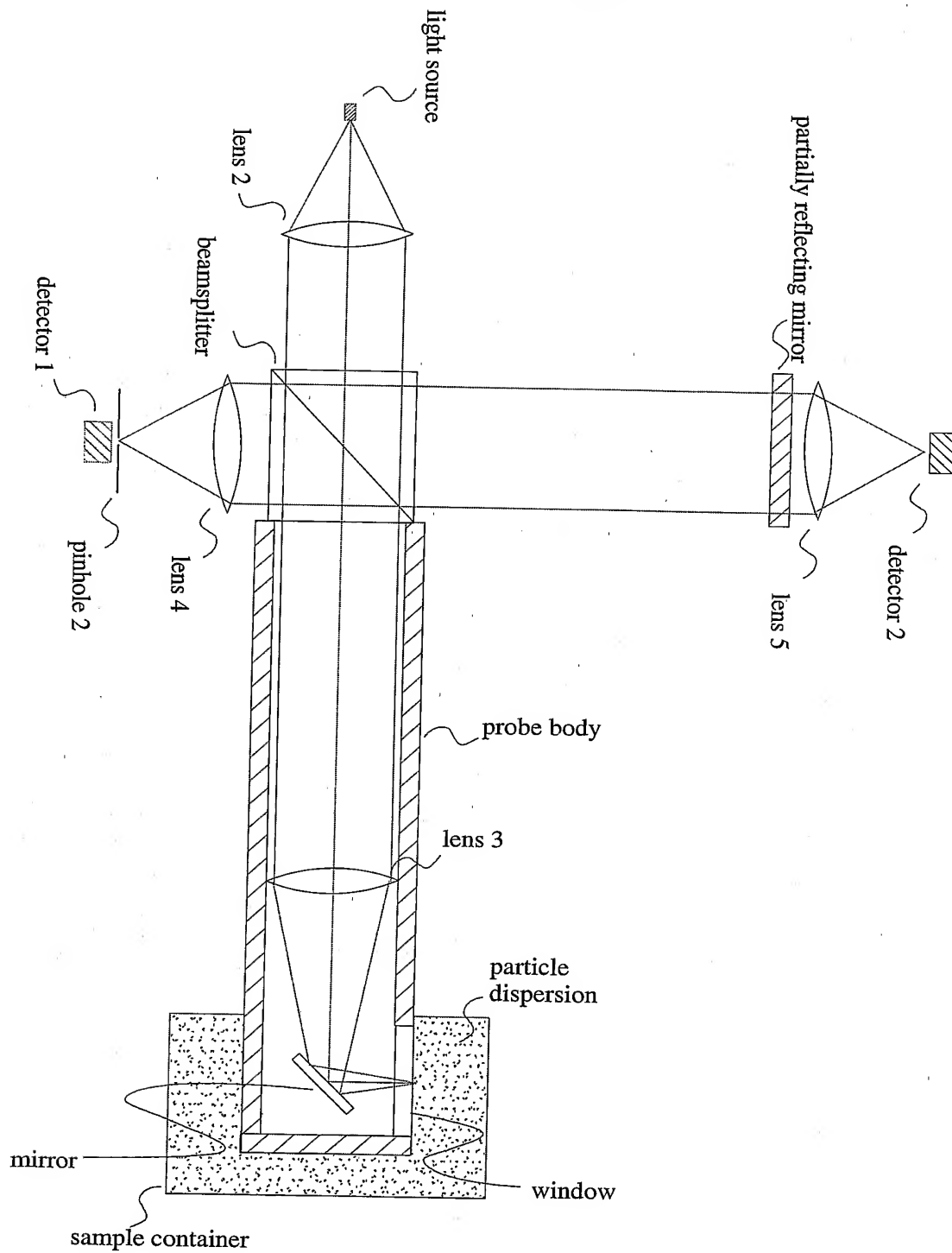


Figure 8

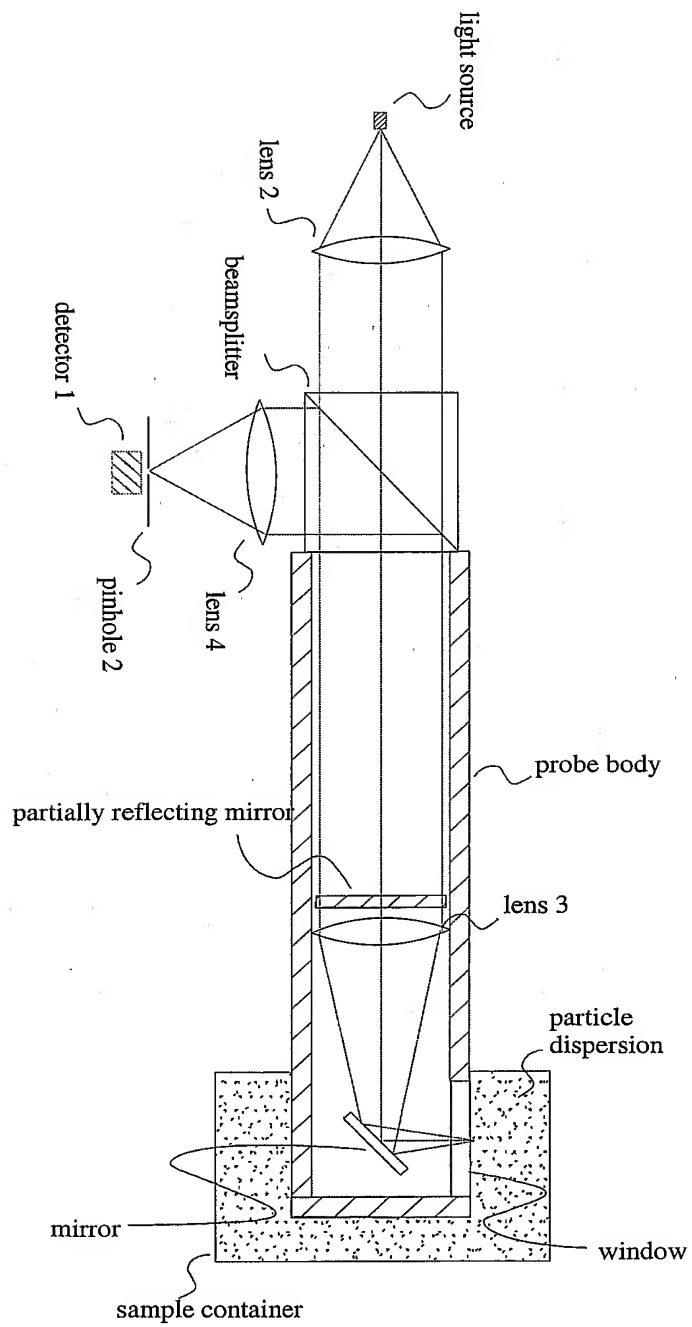


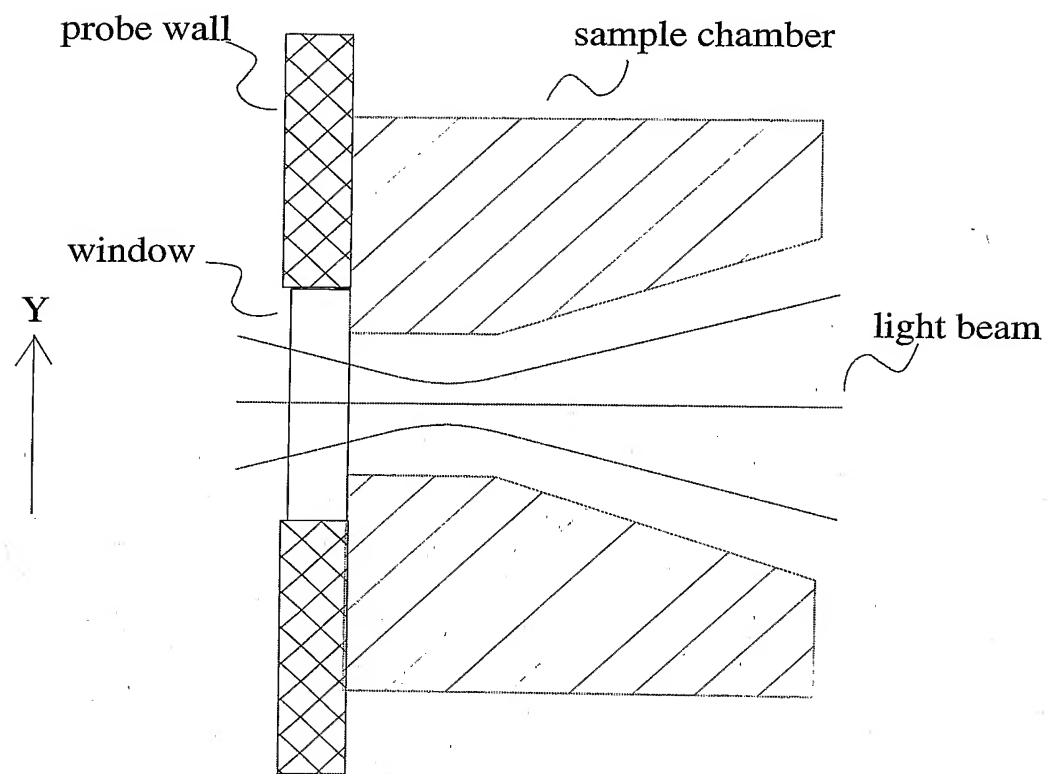
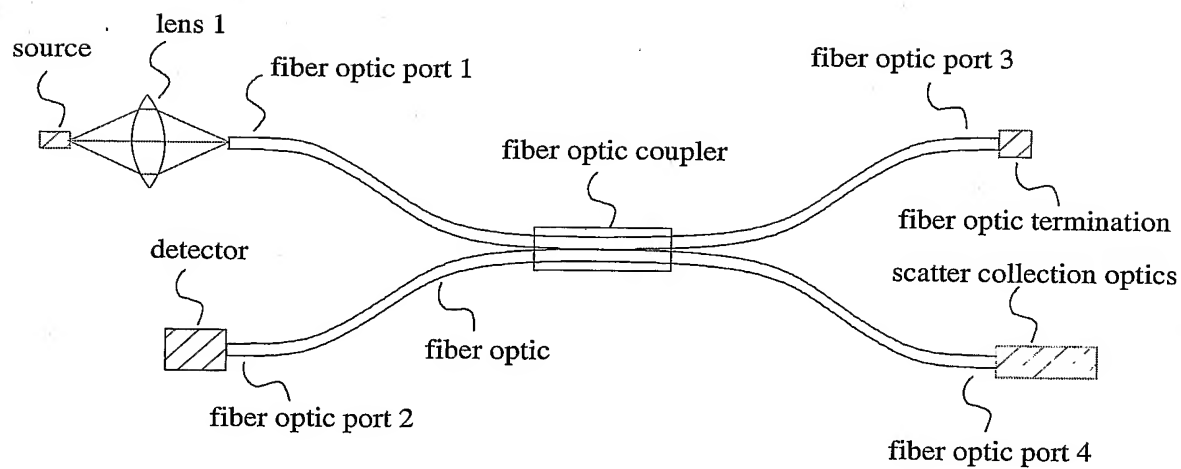
Figure 9**Figure 10**

Figure 11A

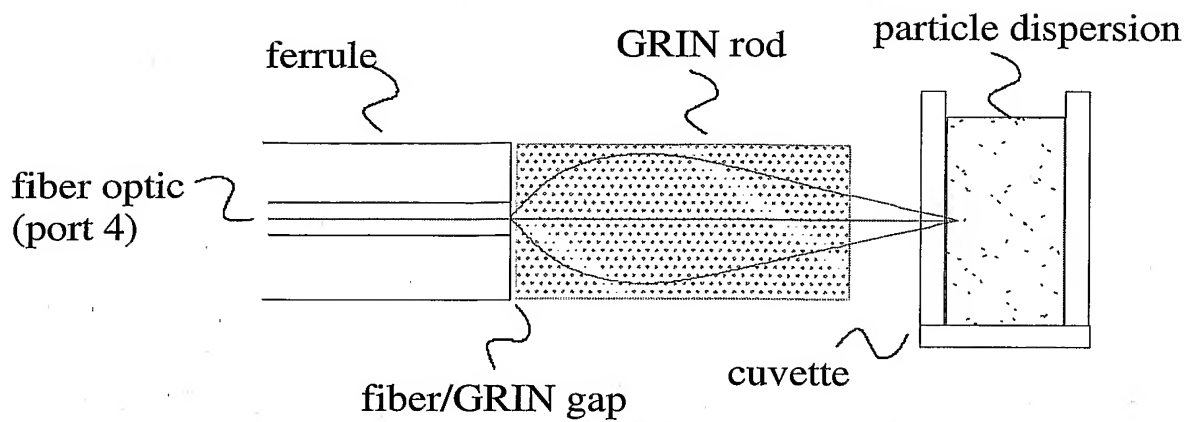


Figure 11B

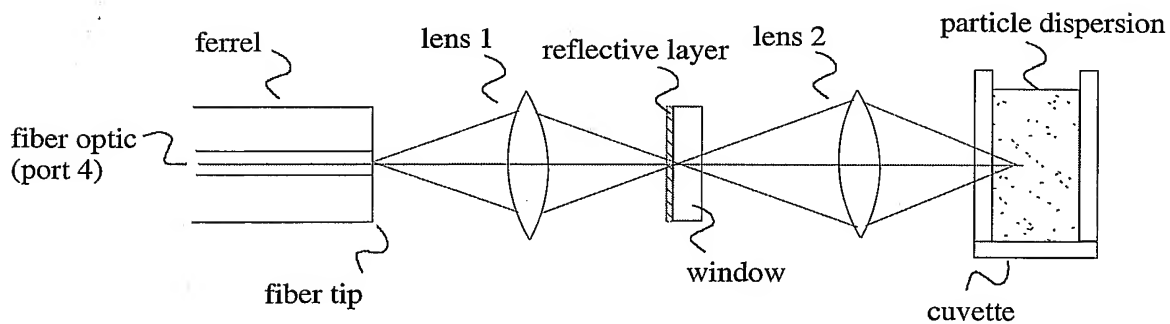
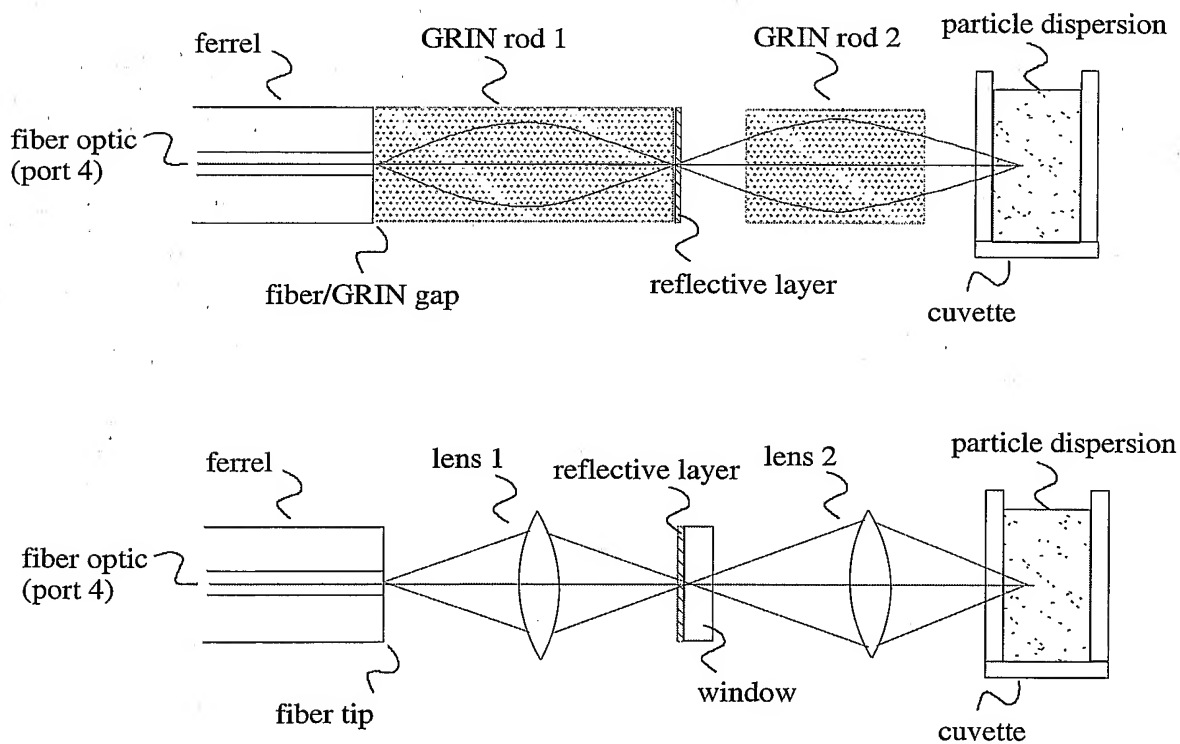


Figure 12

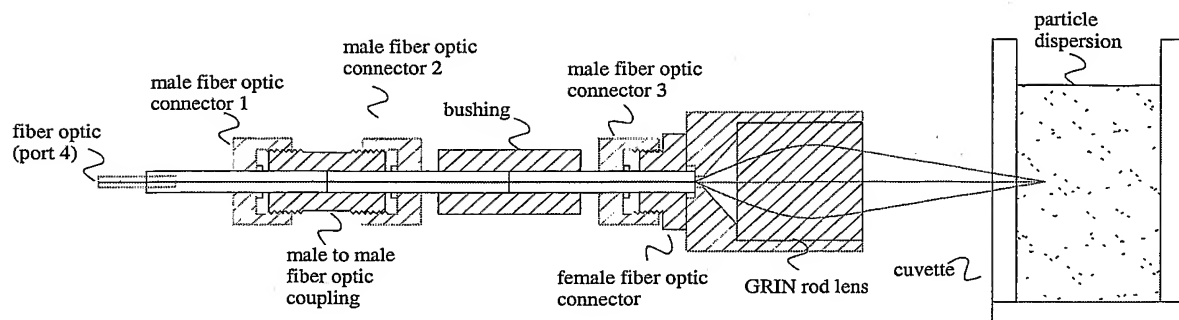


Figure 13

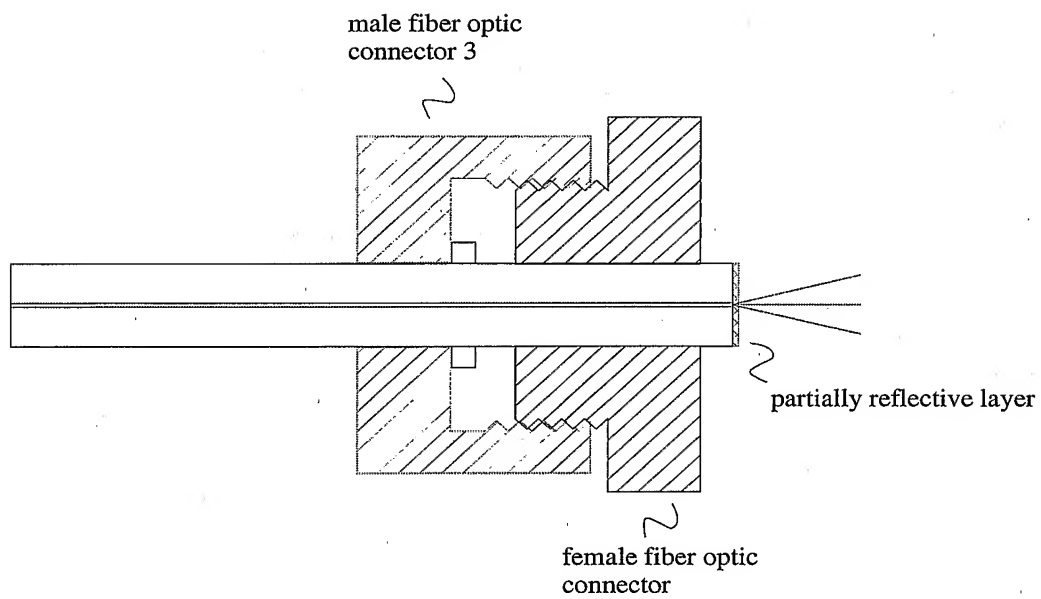


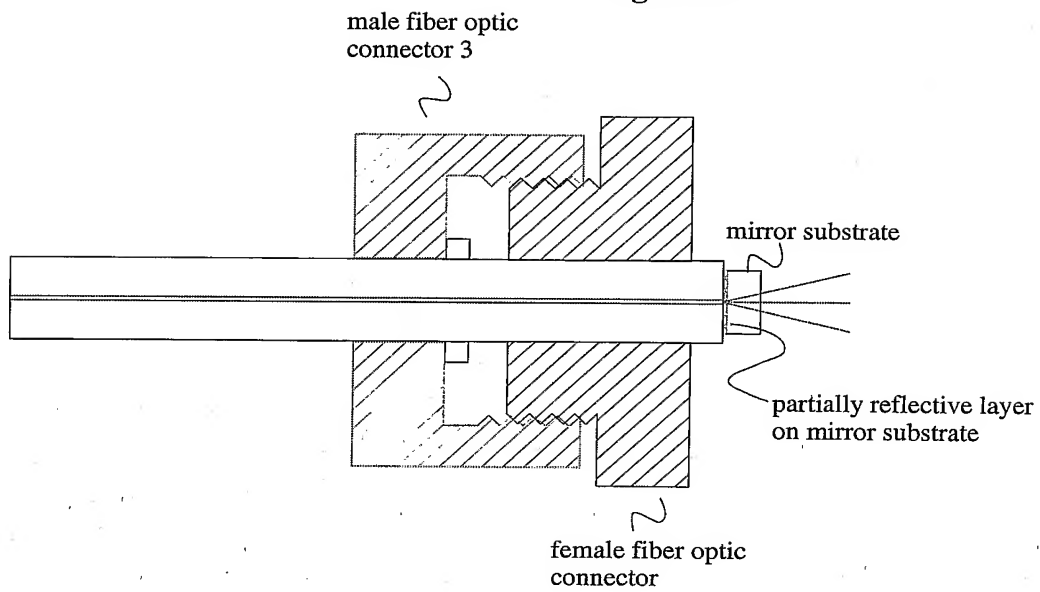
Figure 14

Figure 15

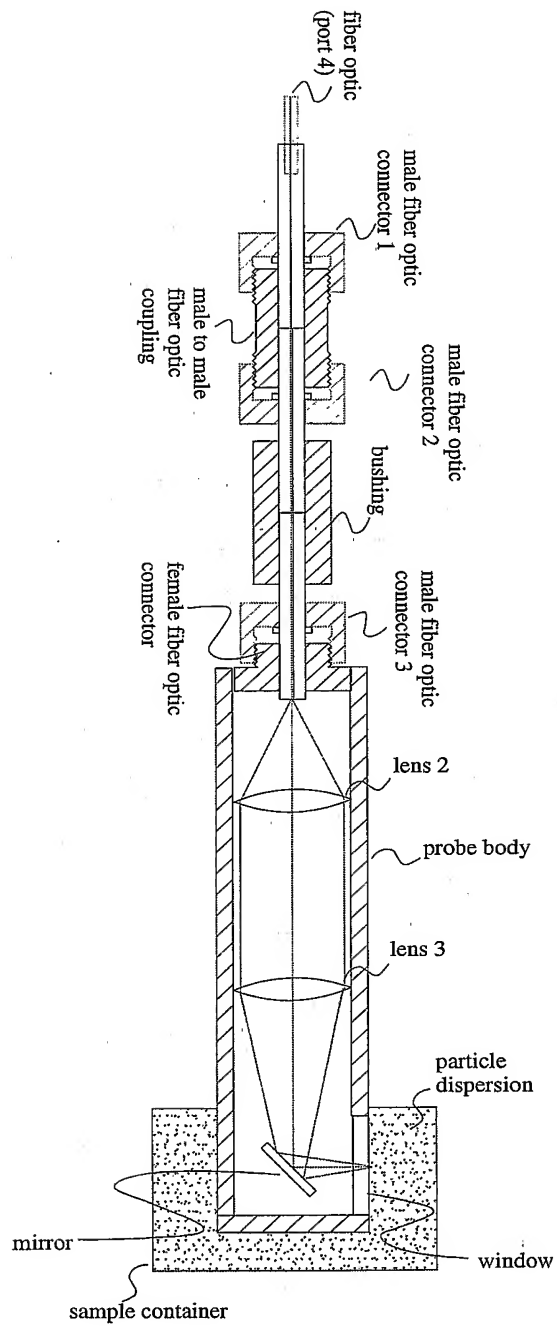


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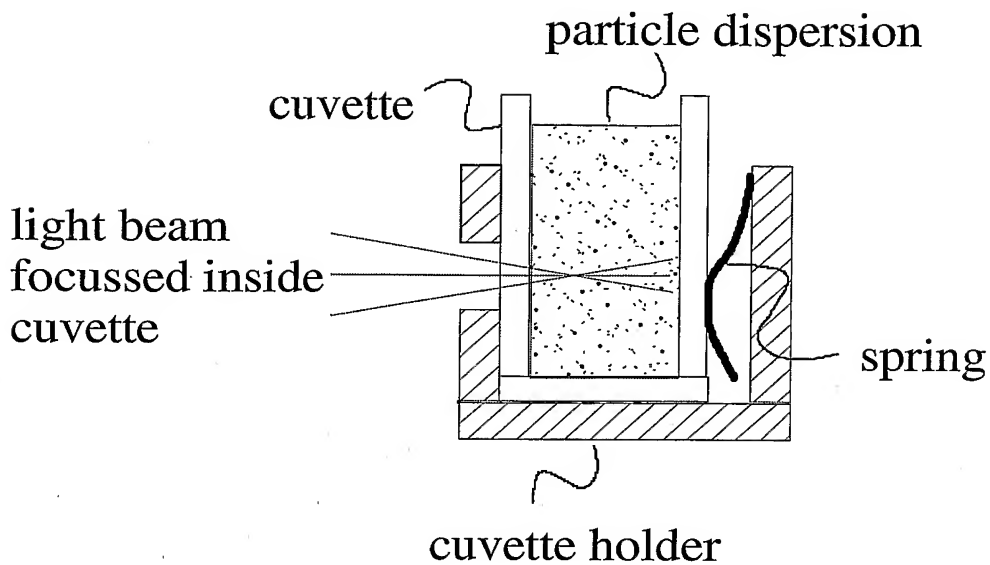


Figure 17

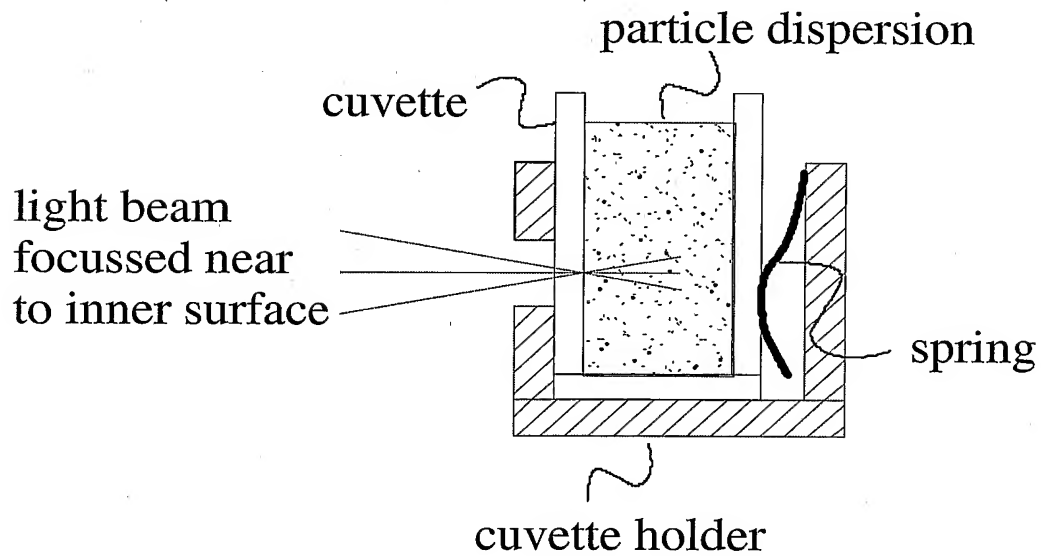


Figure 18

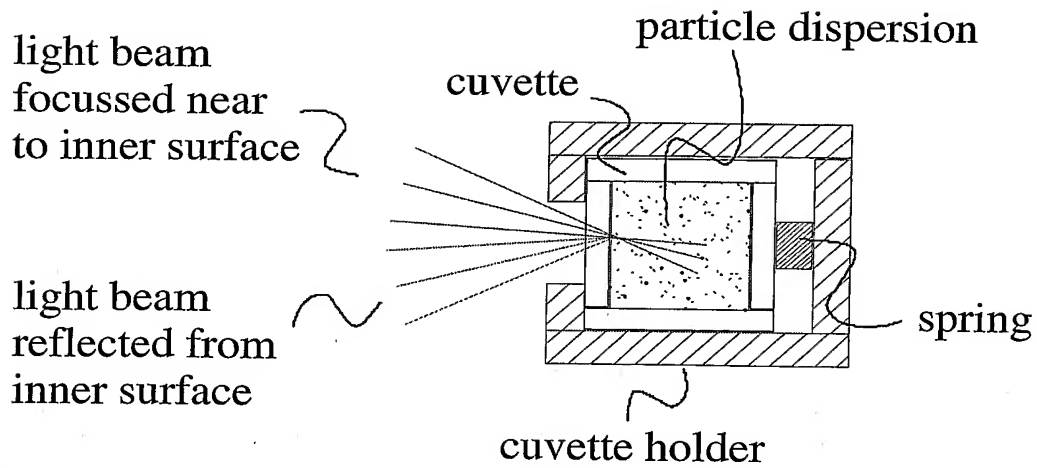


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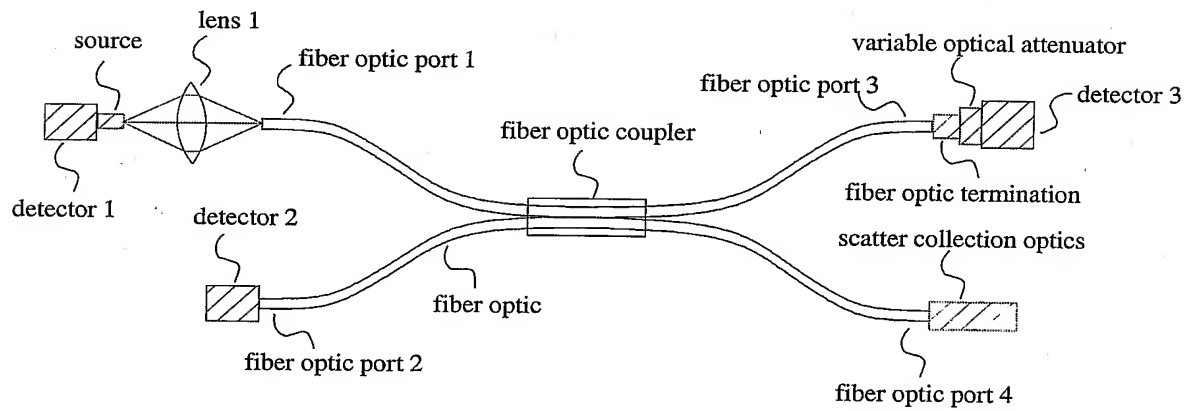


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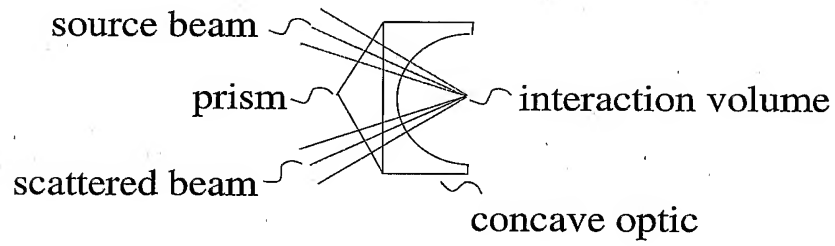
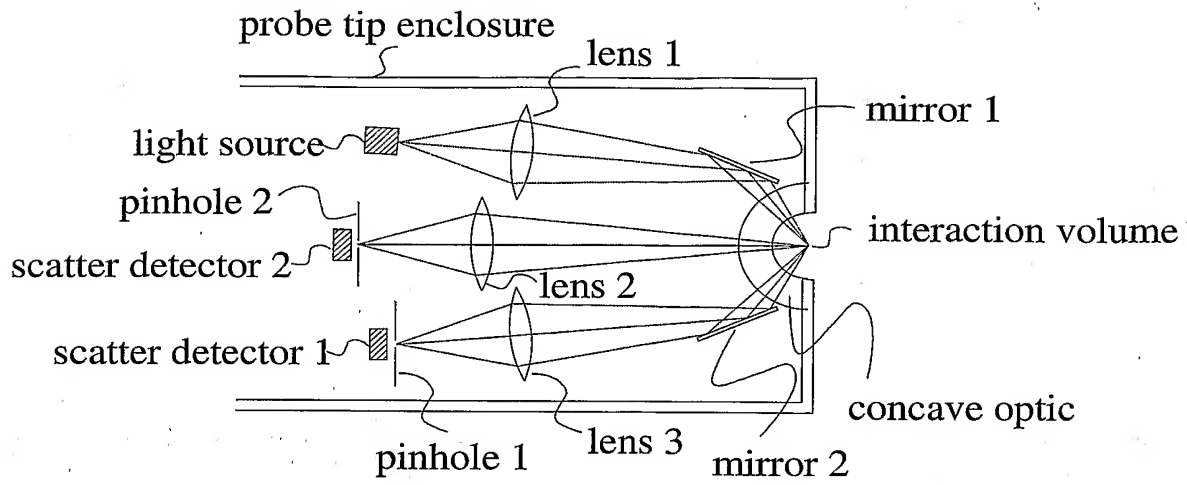


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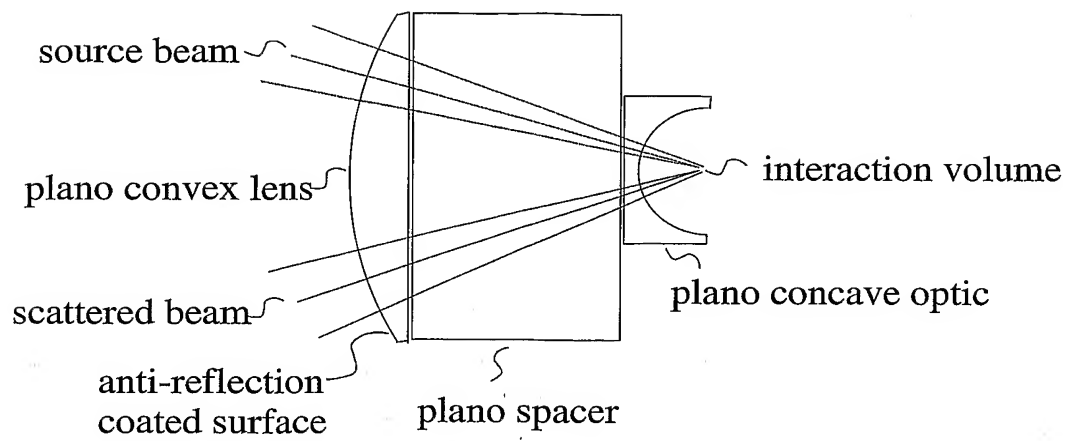


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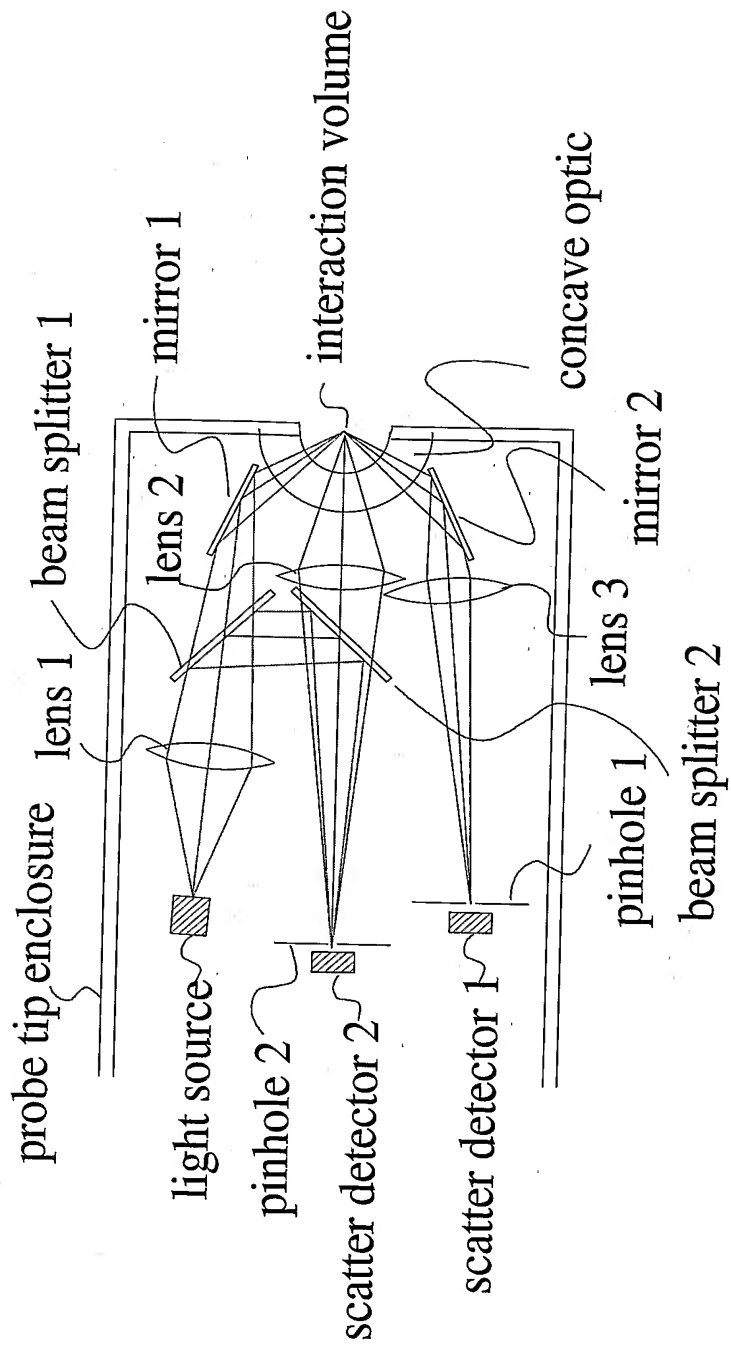


Figure 23

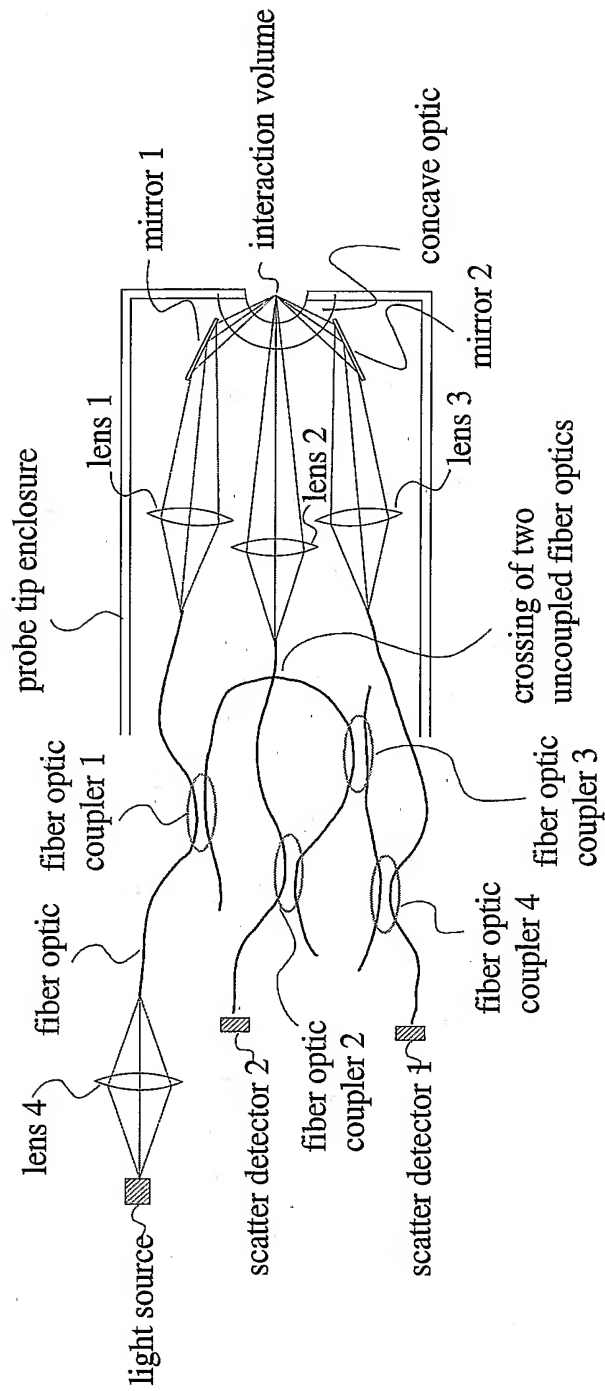


Figure 24

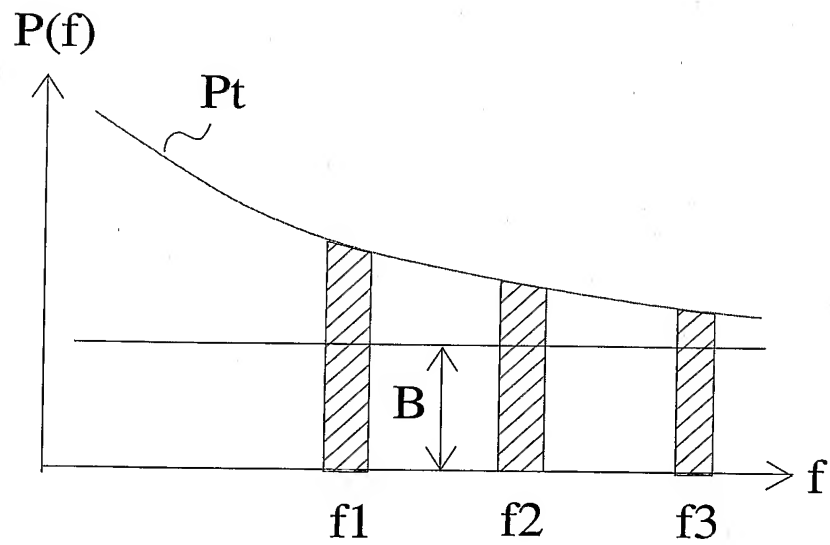
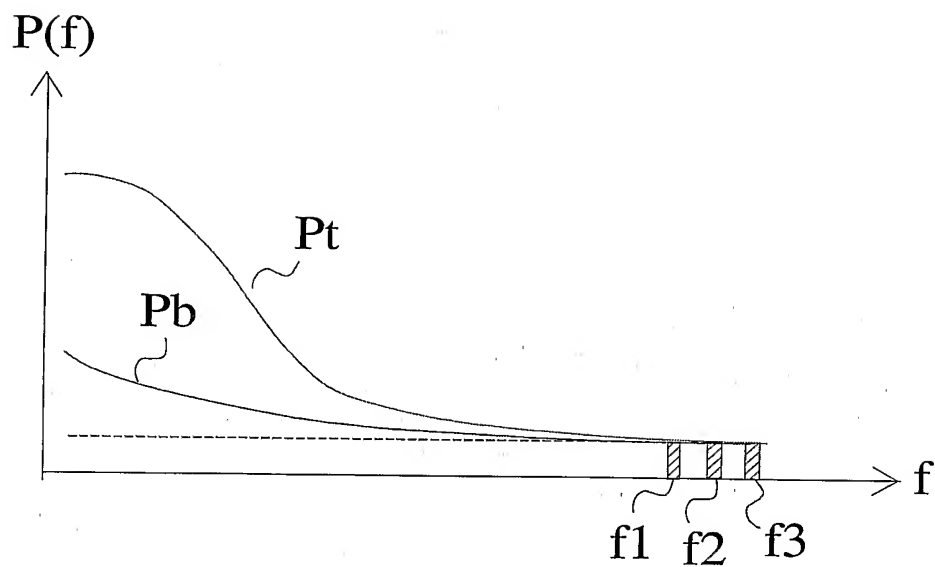


Figure 25

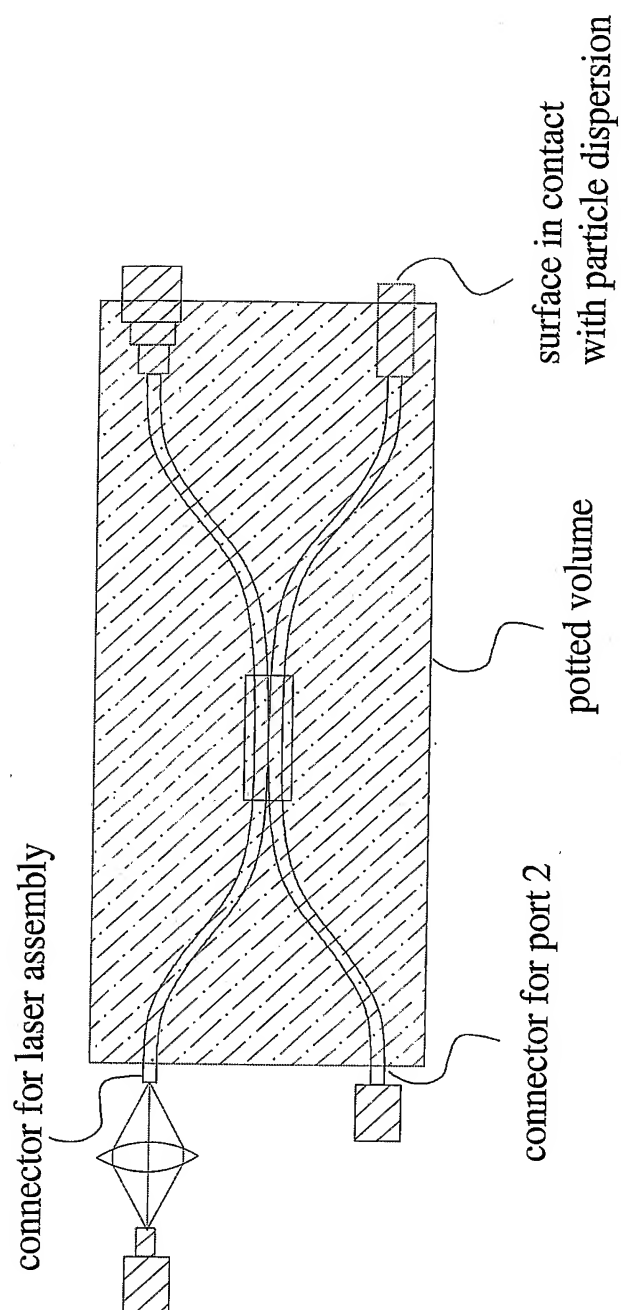


Figure 26

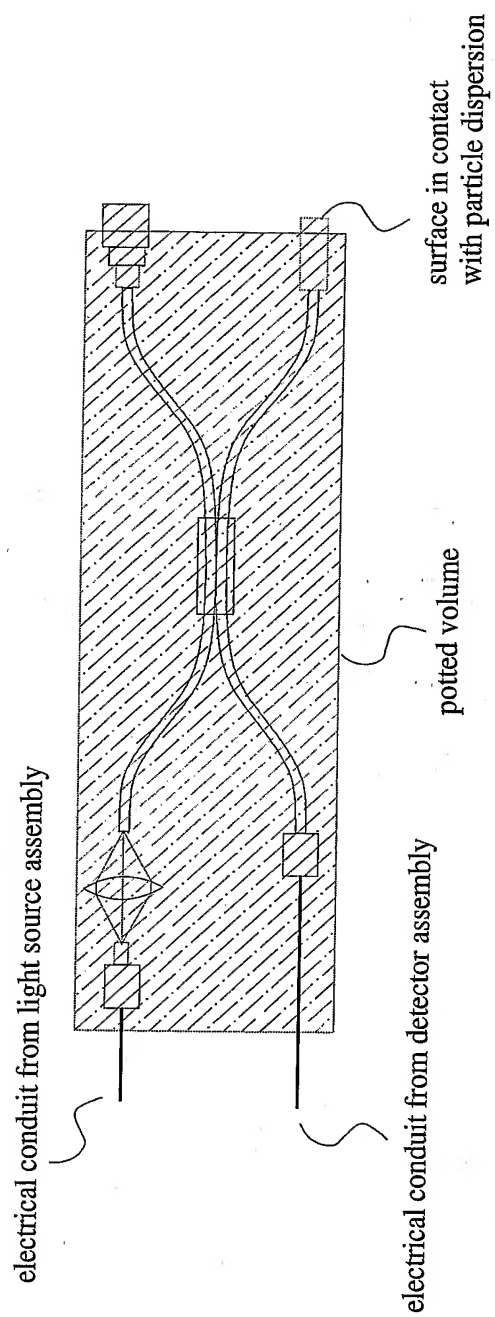


Figure 27

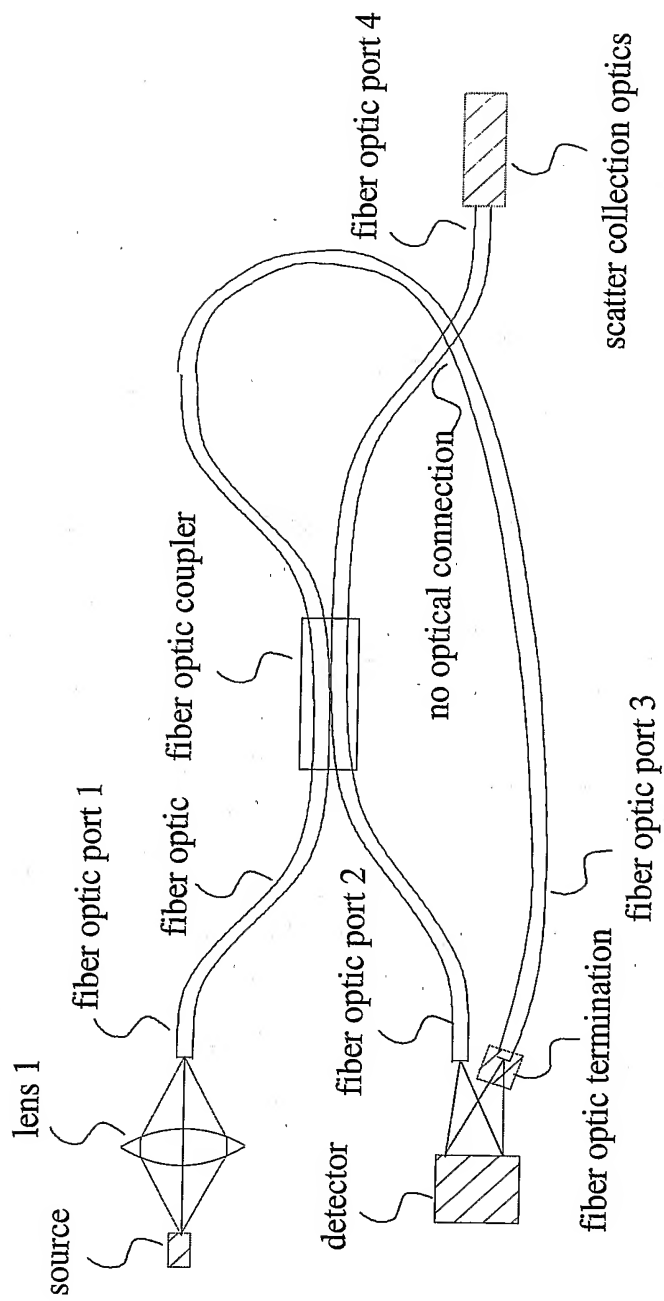


Figure 28

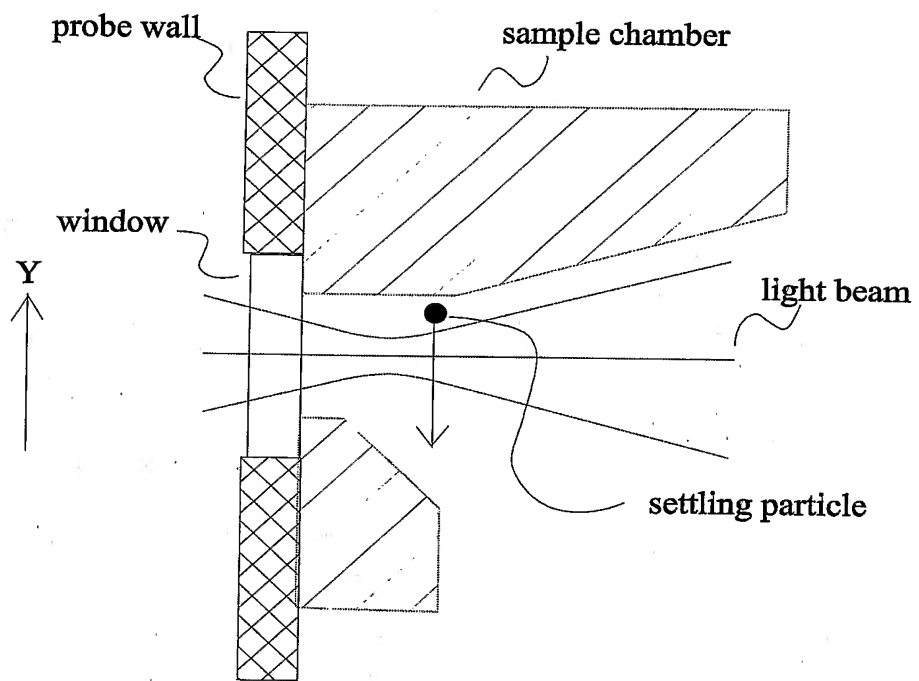


Figure 29

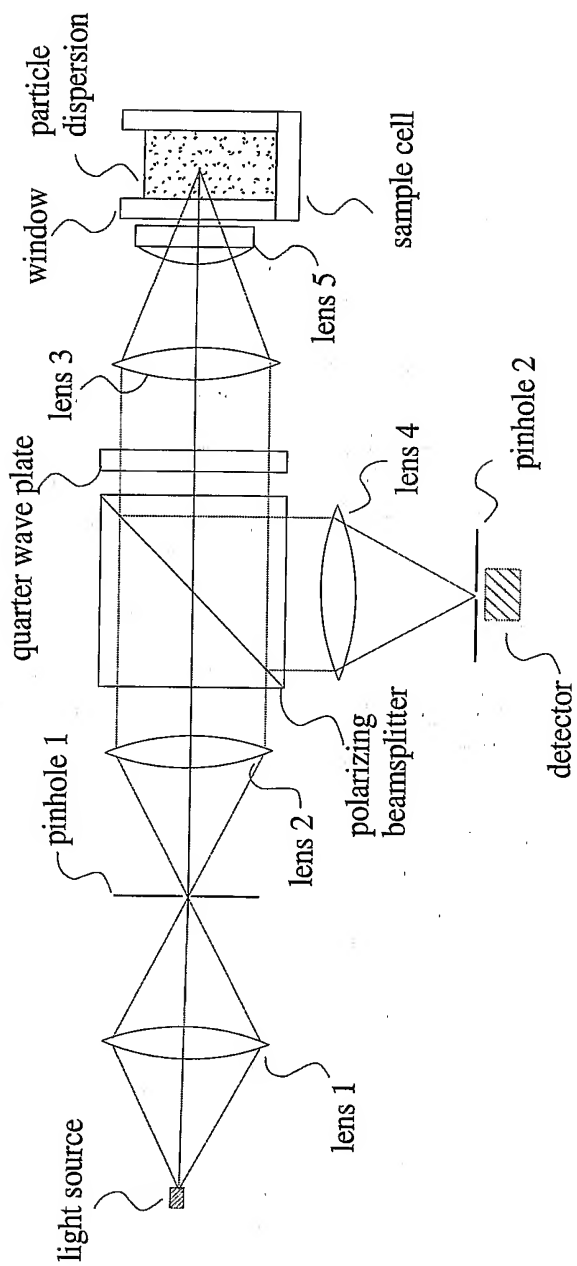


Figure 30

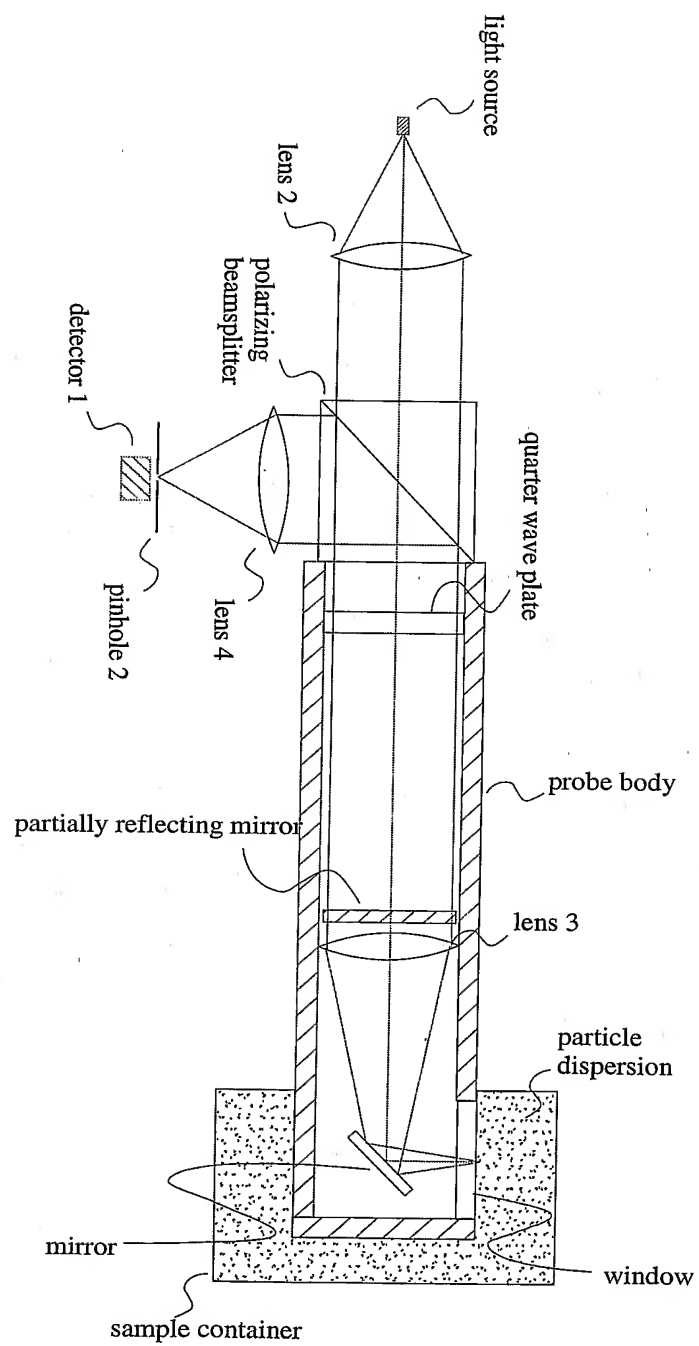


Figure 32

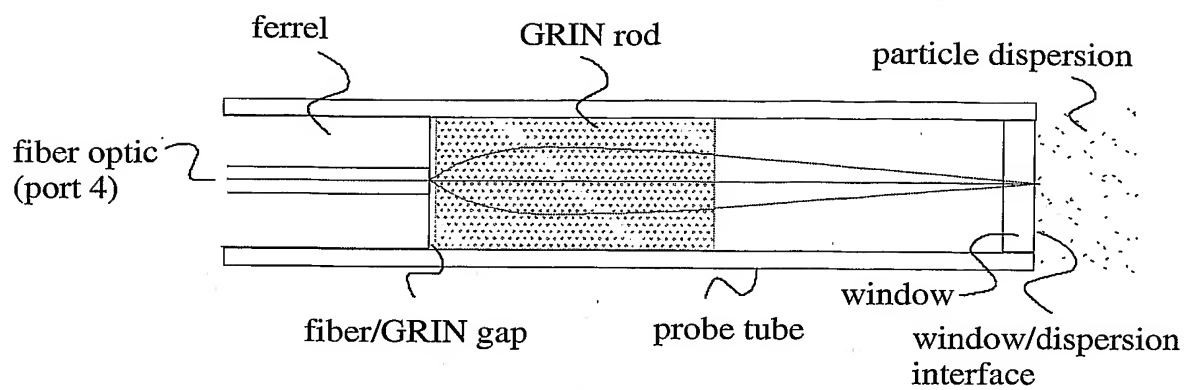


Figure B1

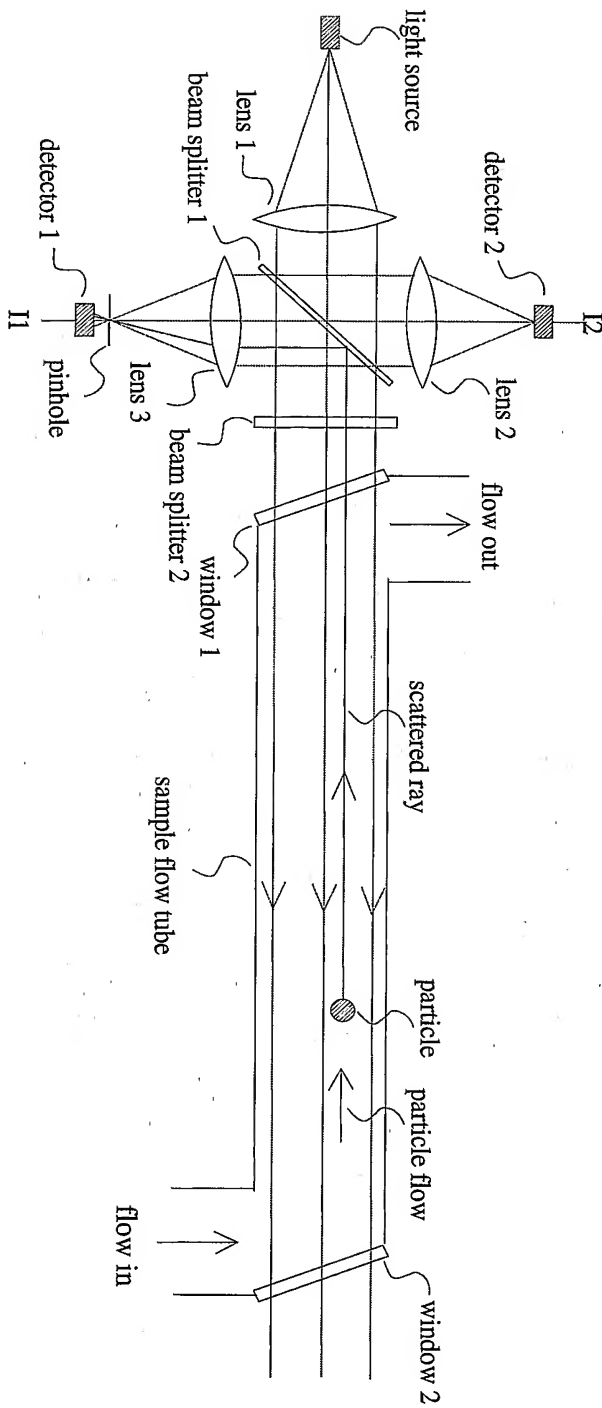


Figure B2

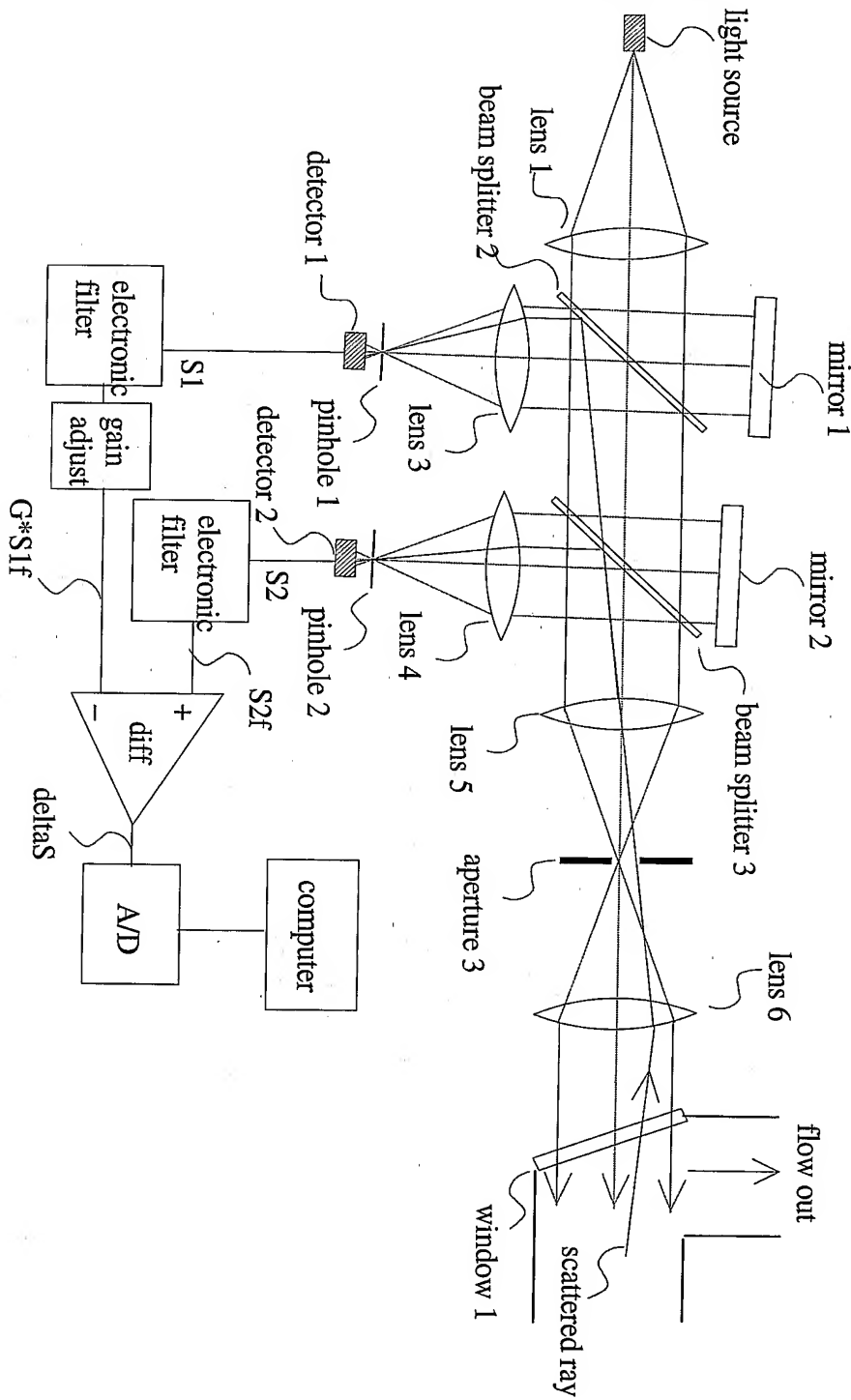


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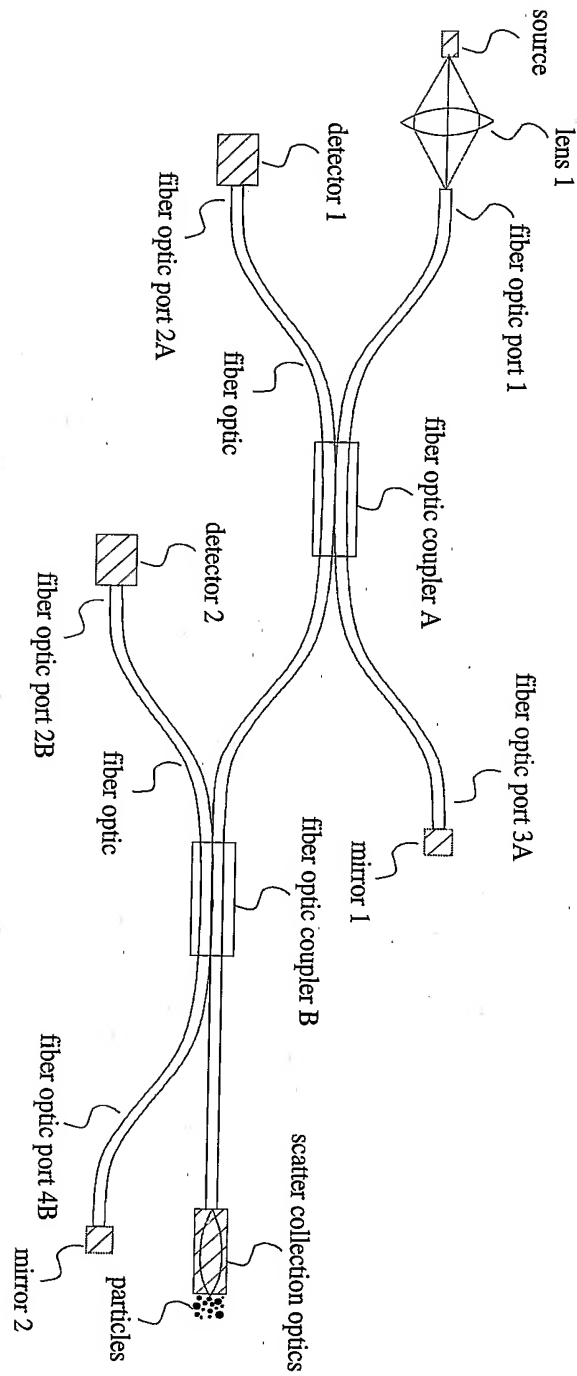


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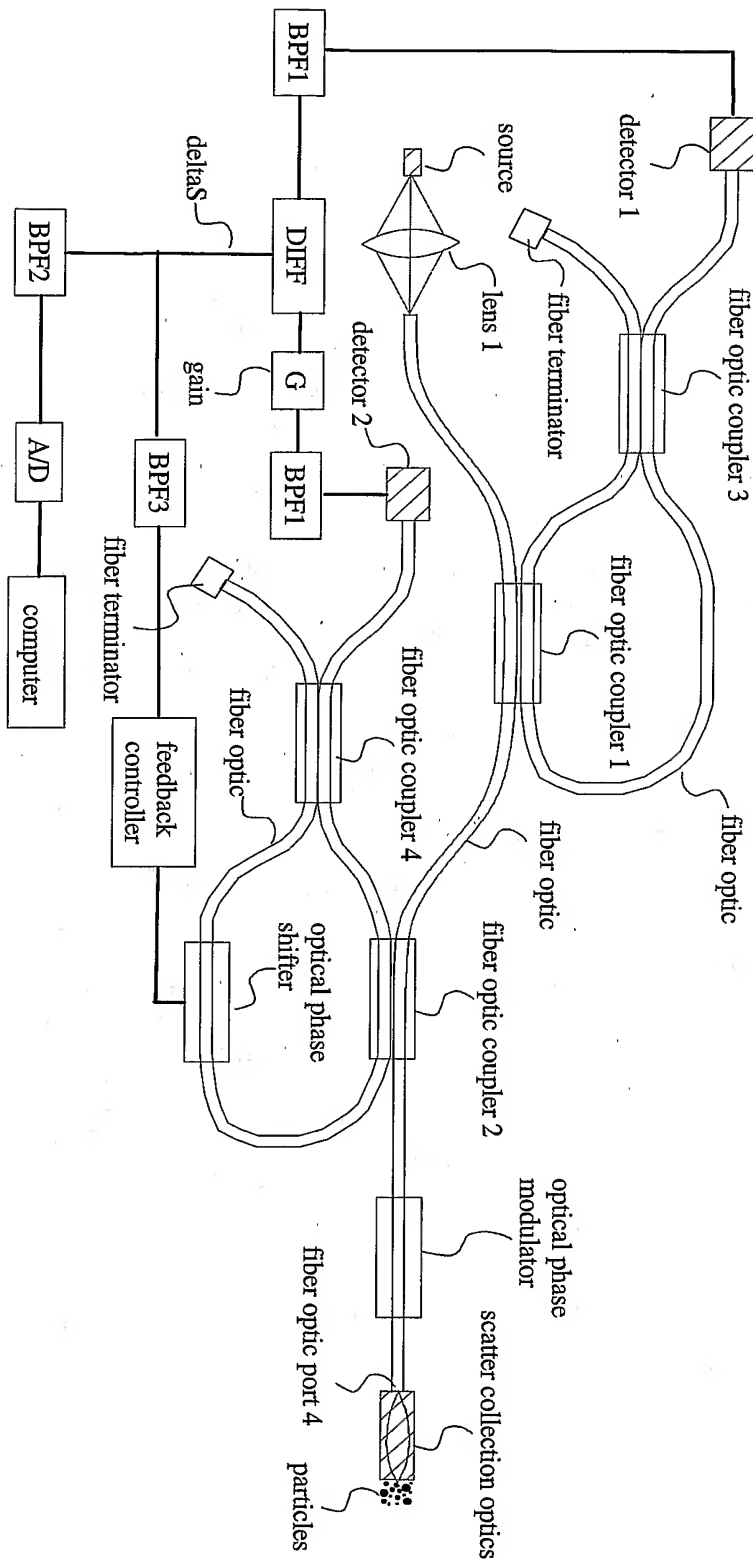


Figure B5

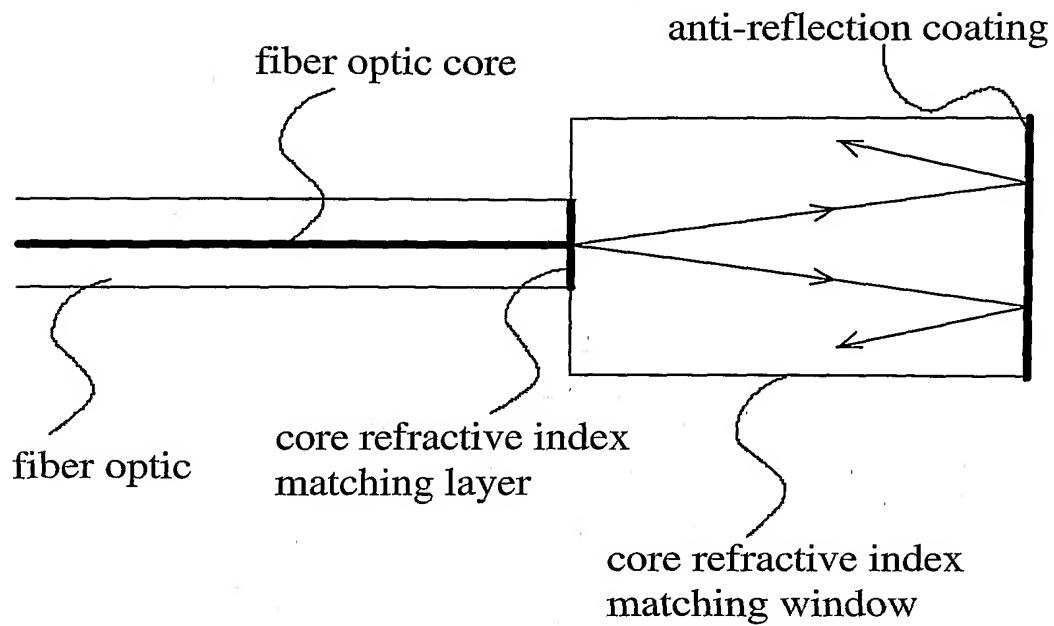


Figure C1

- optical phase
- electric field
- particle velocity
- analog to digital sampling switch

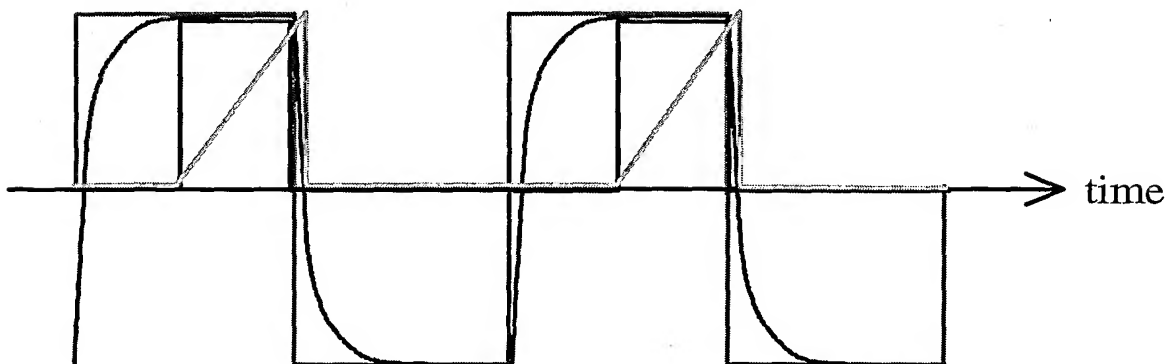


Figure C2

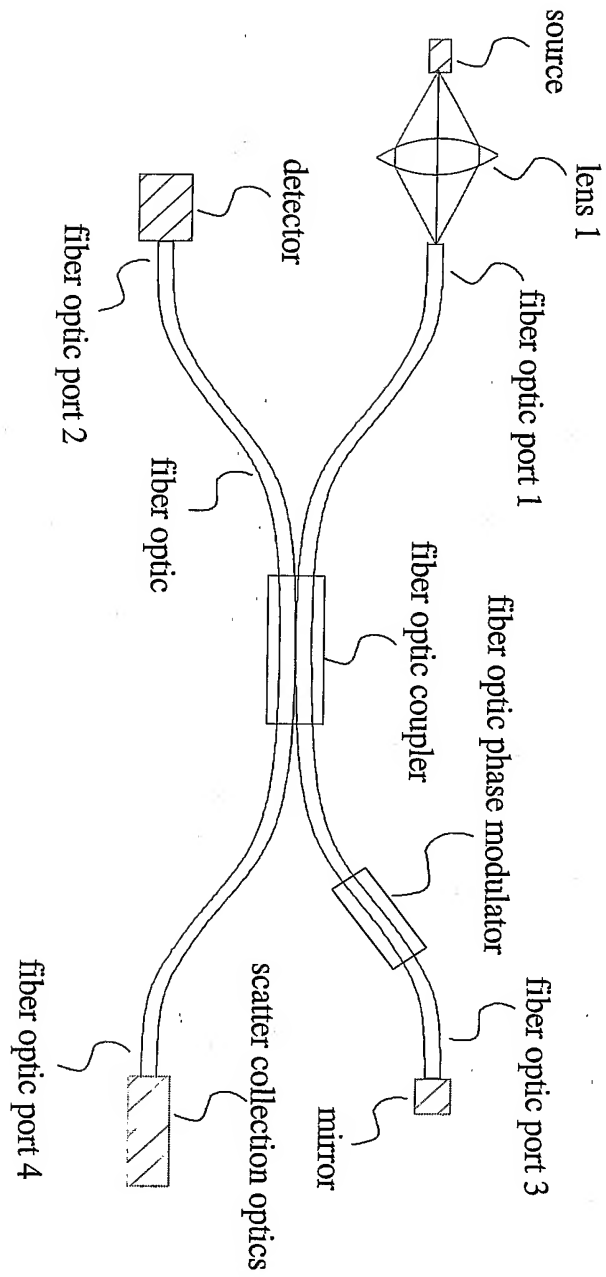


Figure C3

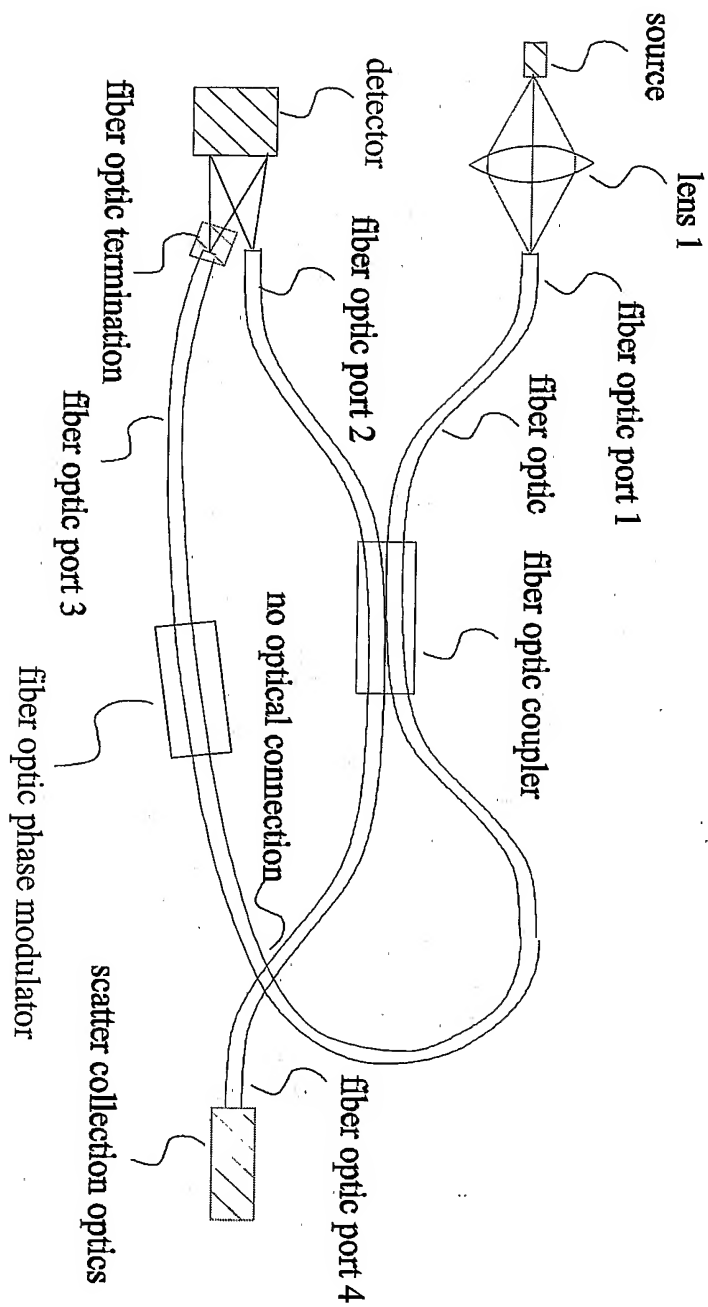


Figure C4

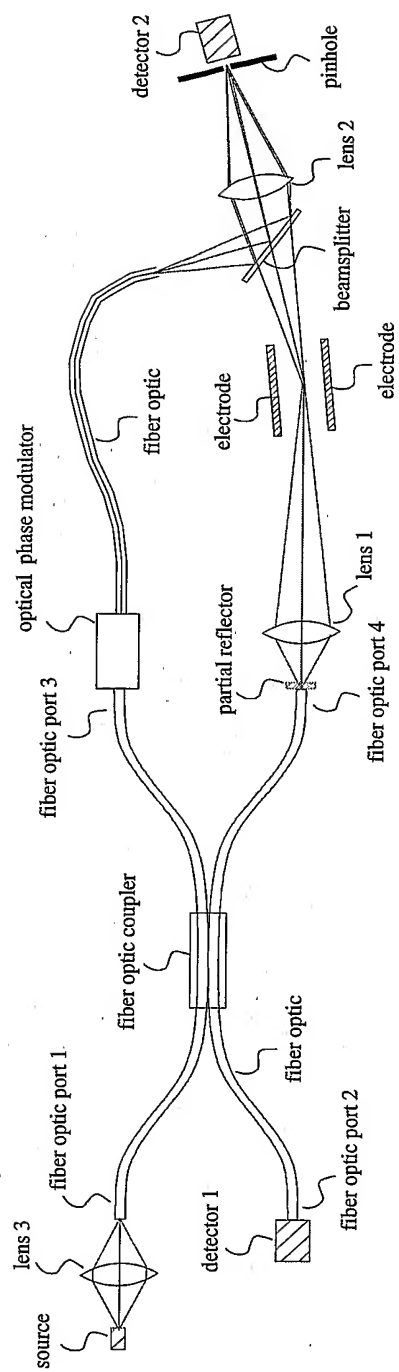


Figure D1

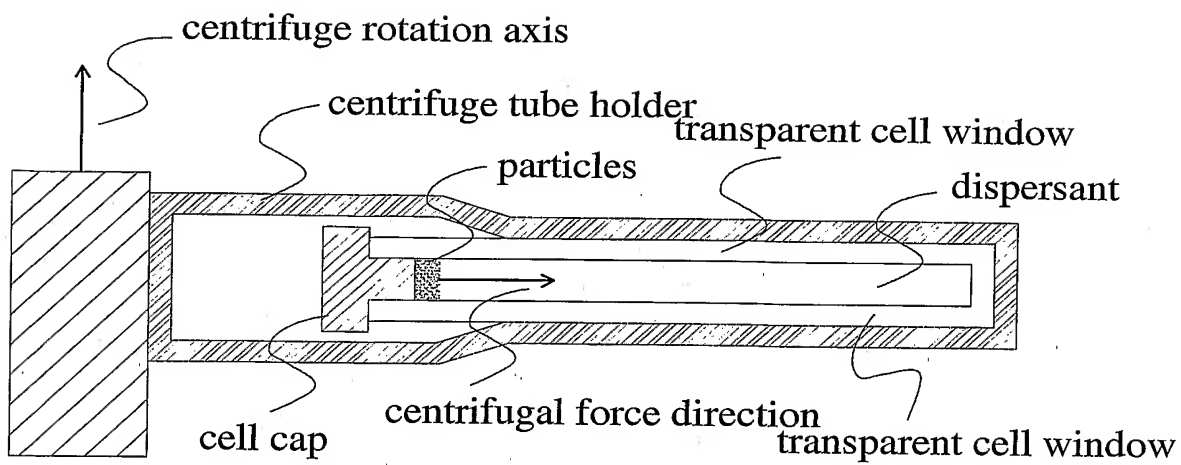


Figure D2

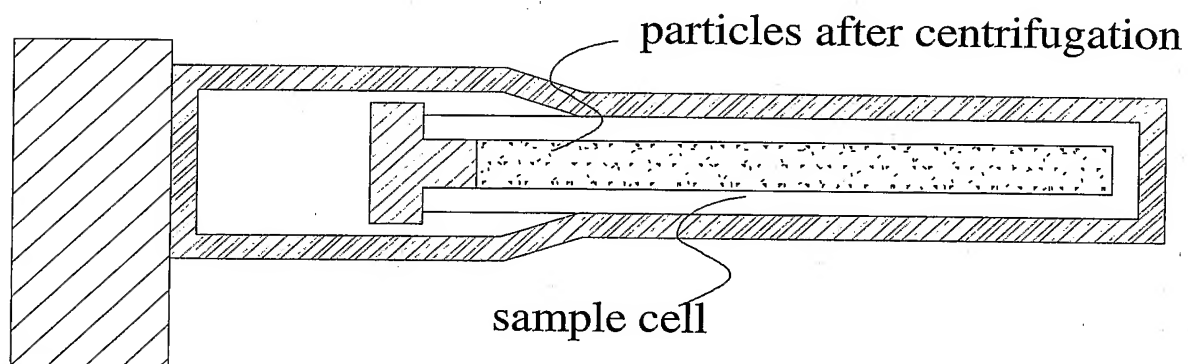


Figure D3

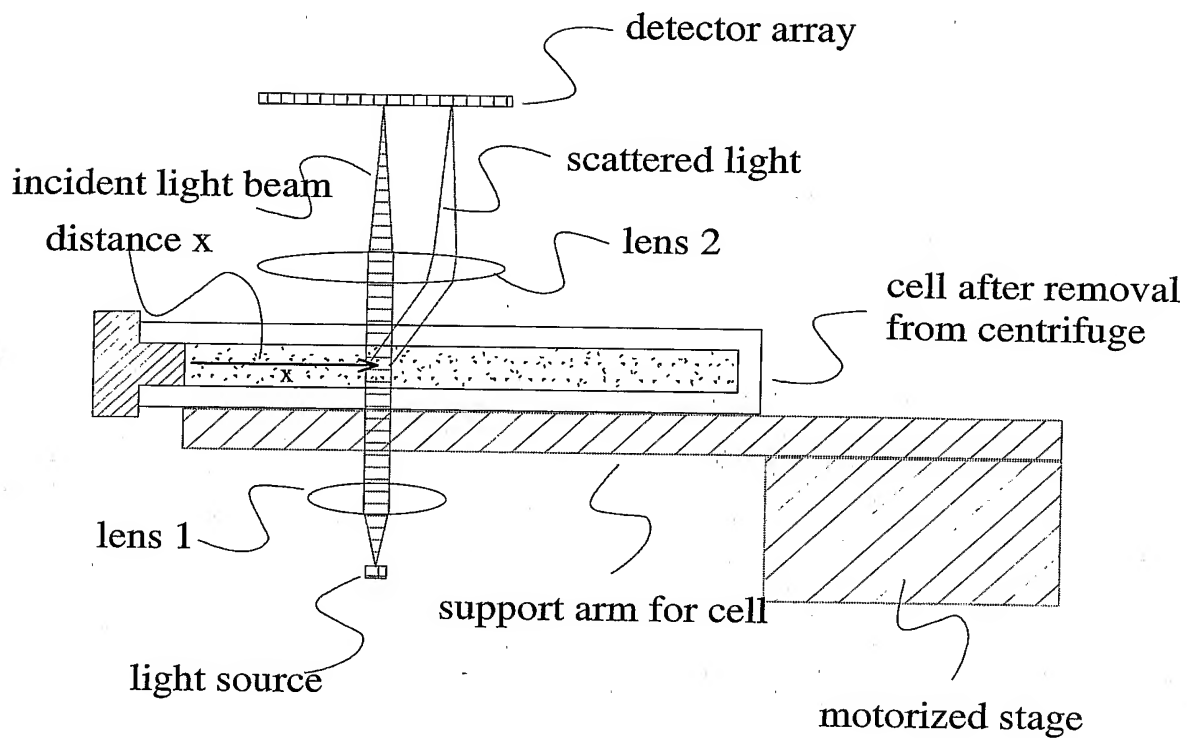


Figure D3B

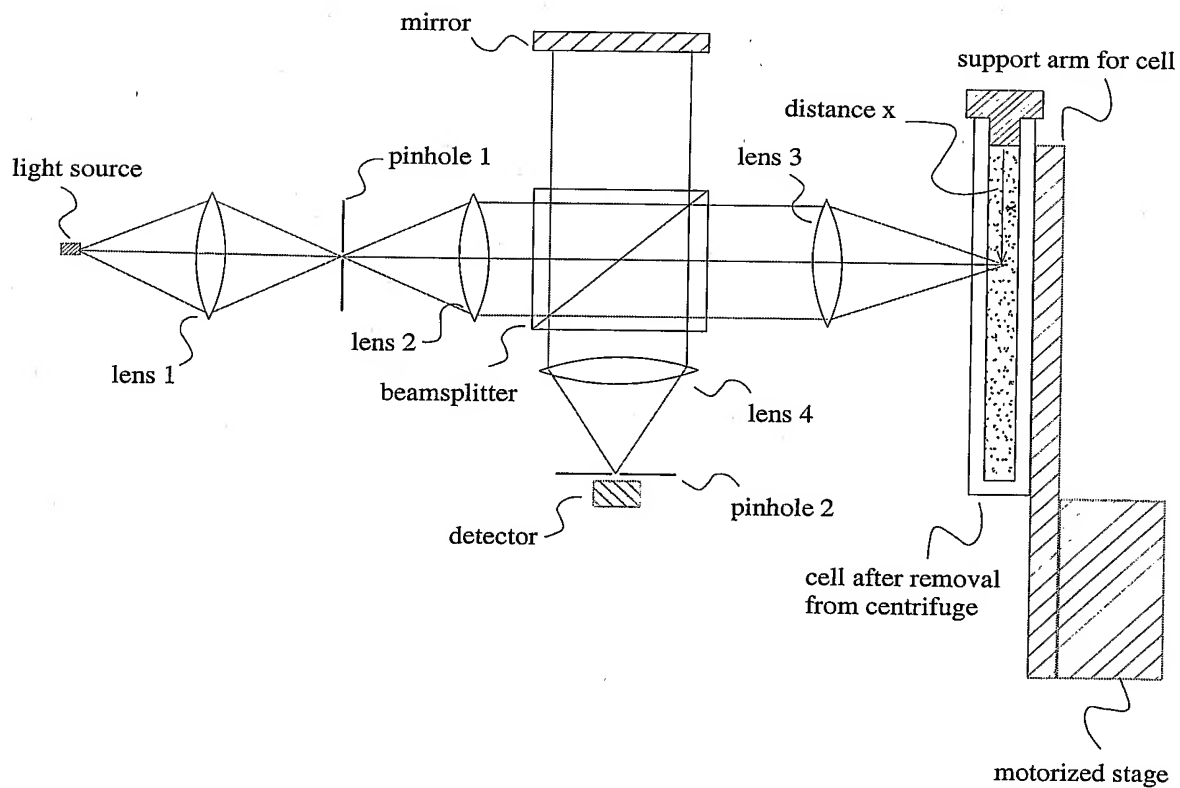


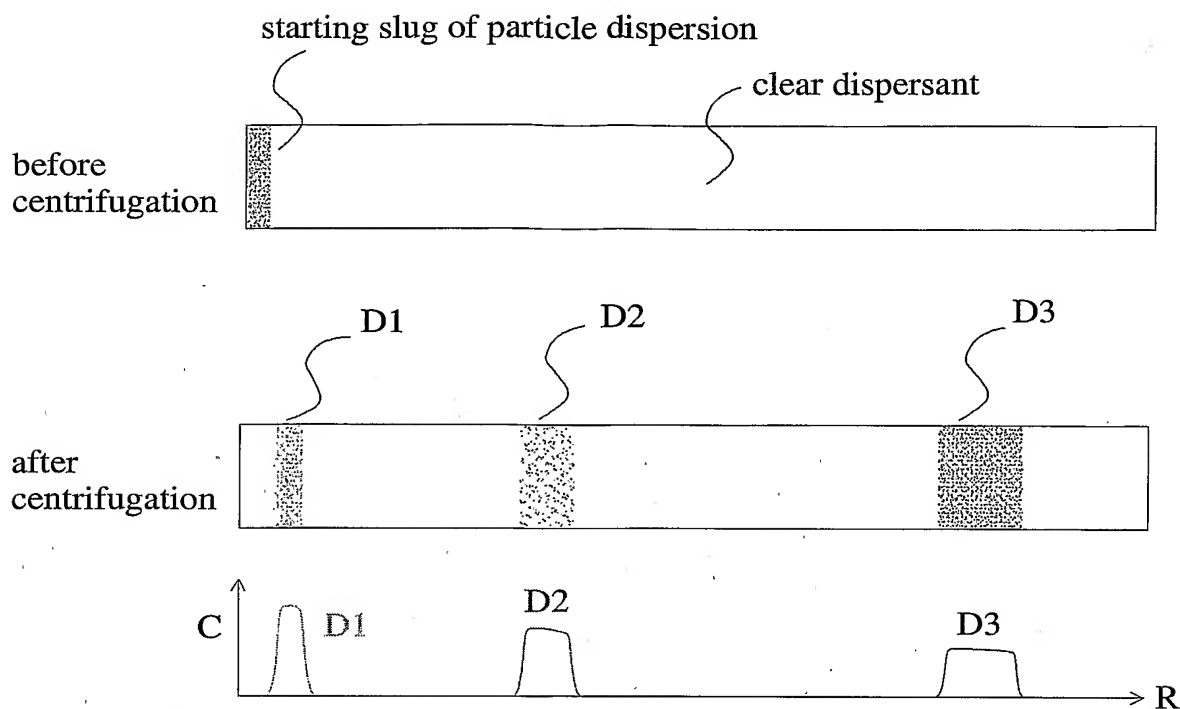
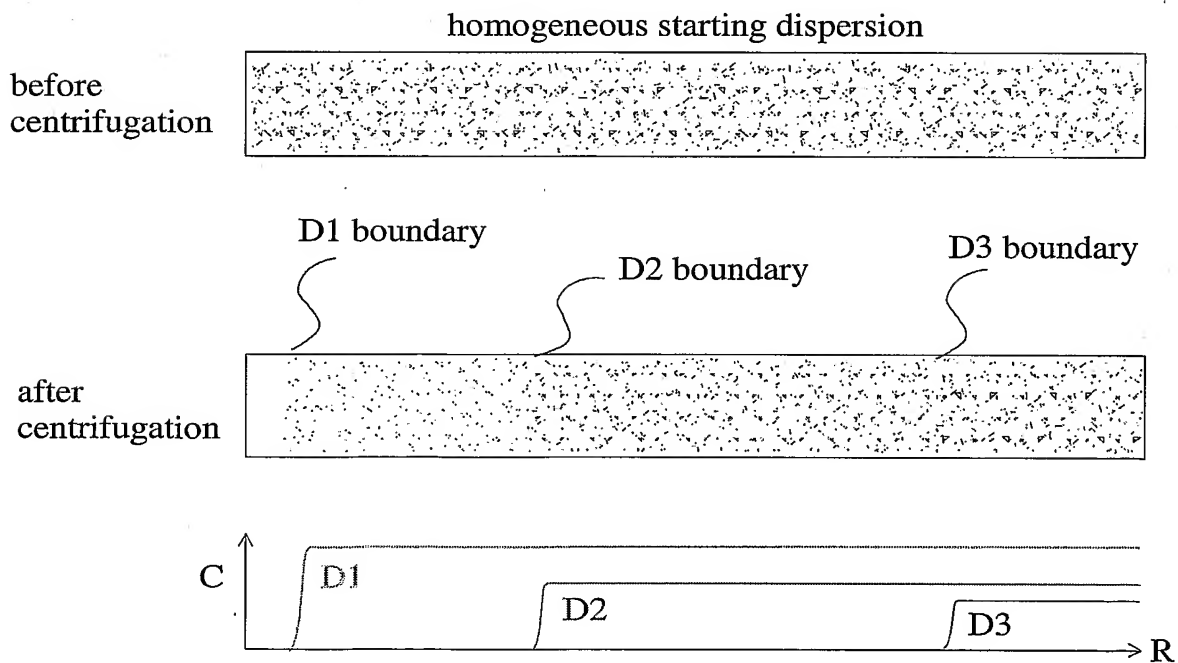
Figure D4**Figure D5**

Figure D6

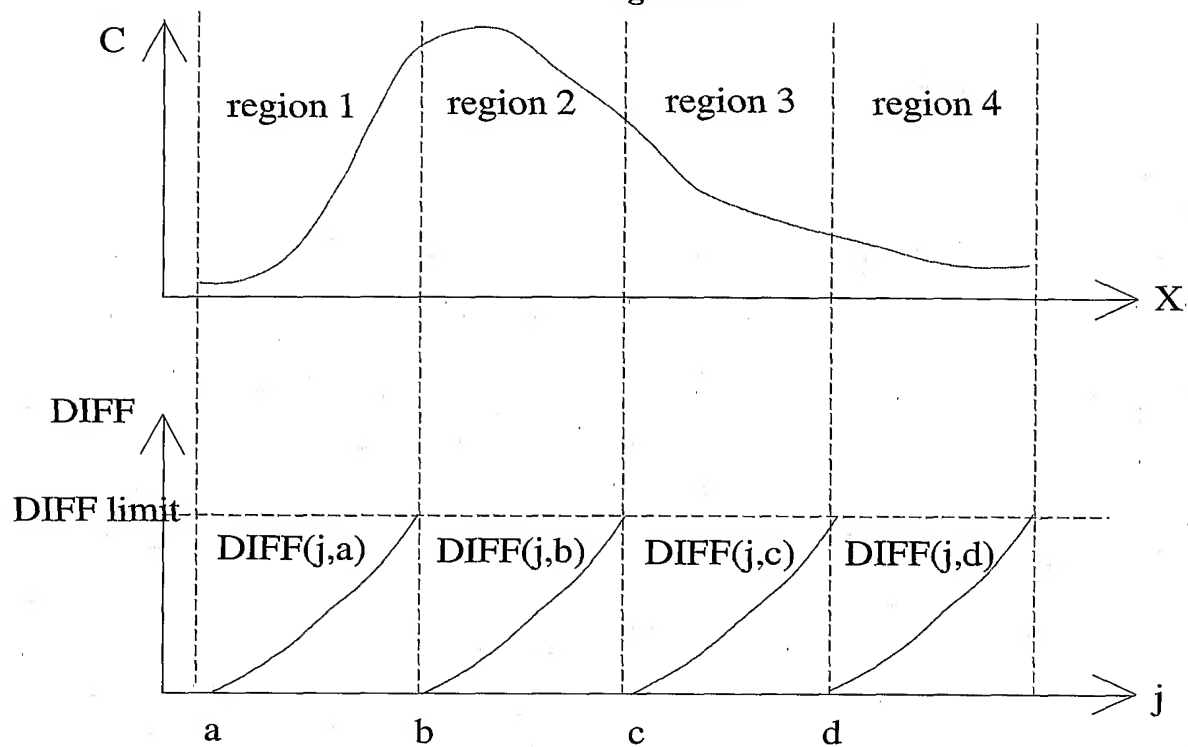
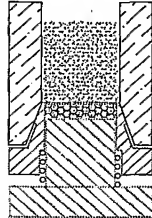
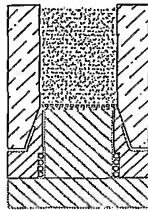


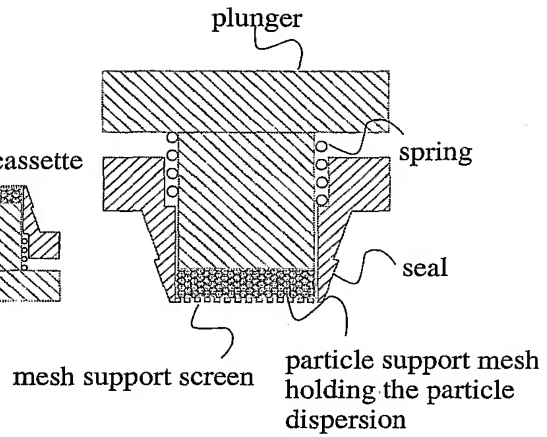
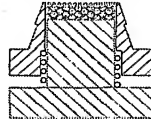
Figure D7a

cassette and loading cell
filled with particle dispersion

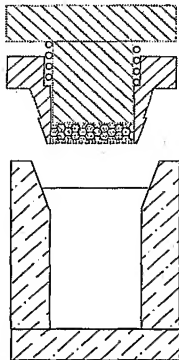
extraction into cassette



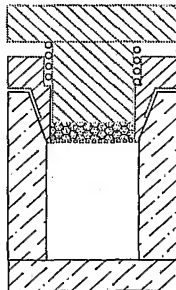
loaded cassette

**Figure D7b**

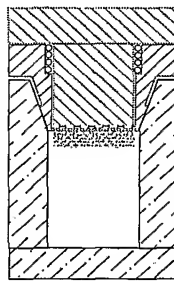
cassette insertion into
centrifuge cell filled with
clean dispersant



loaded cell



injection of particles
into the clear dispersant



injected dispersion after
centrifugation

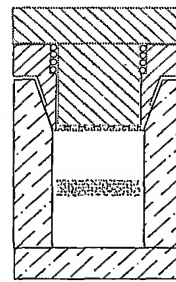


Figure D8

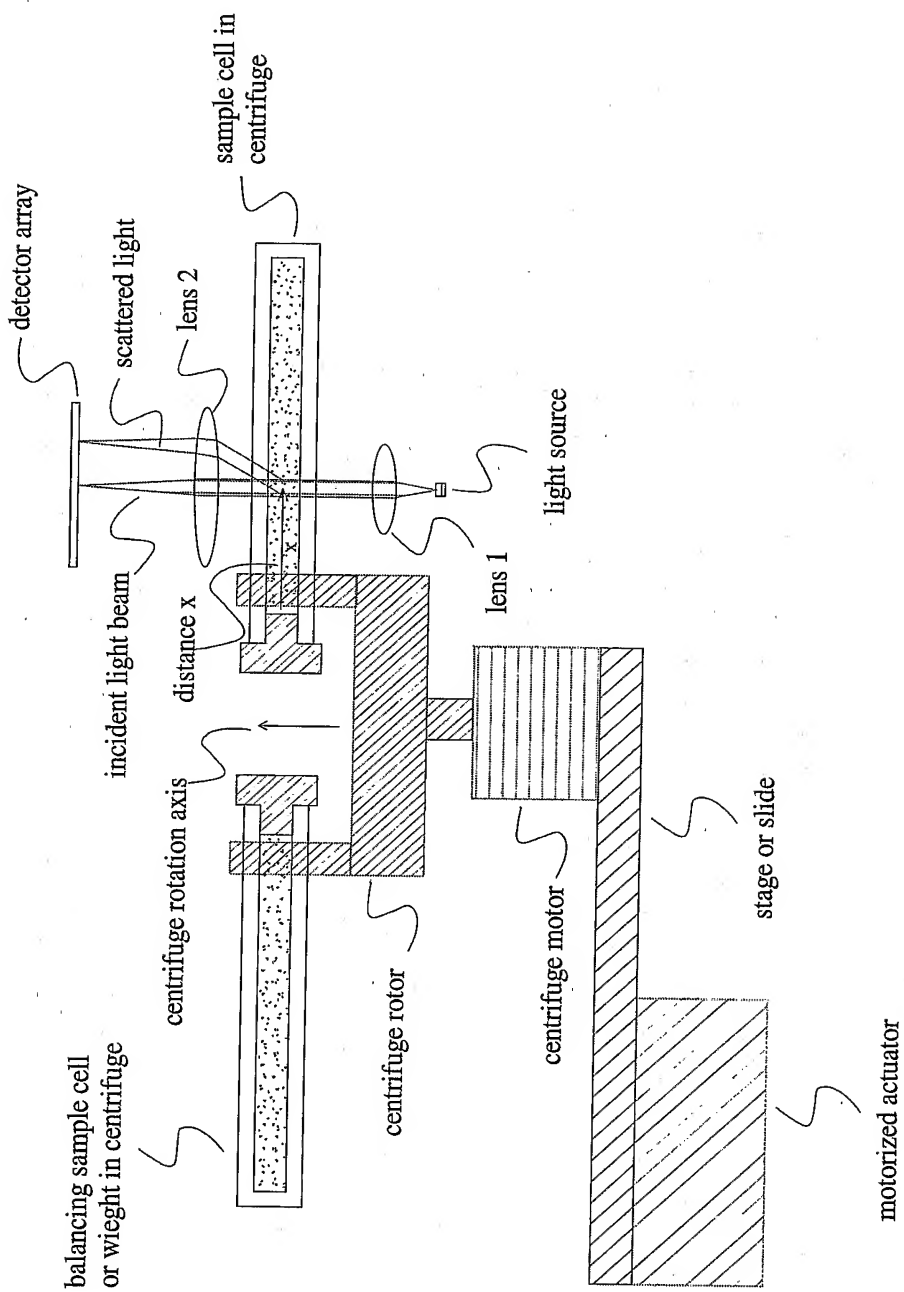


Figure D9

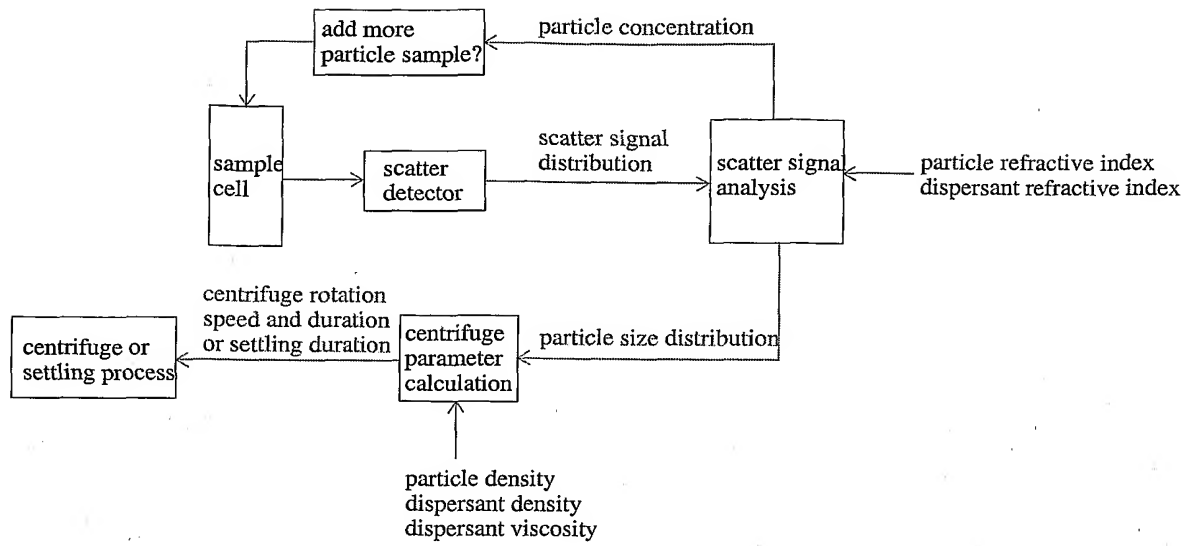


Figure D10

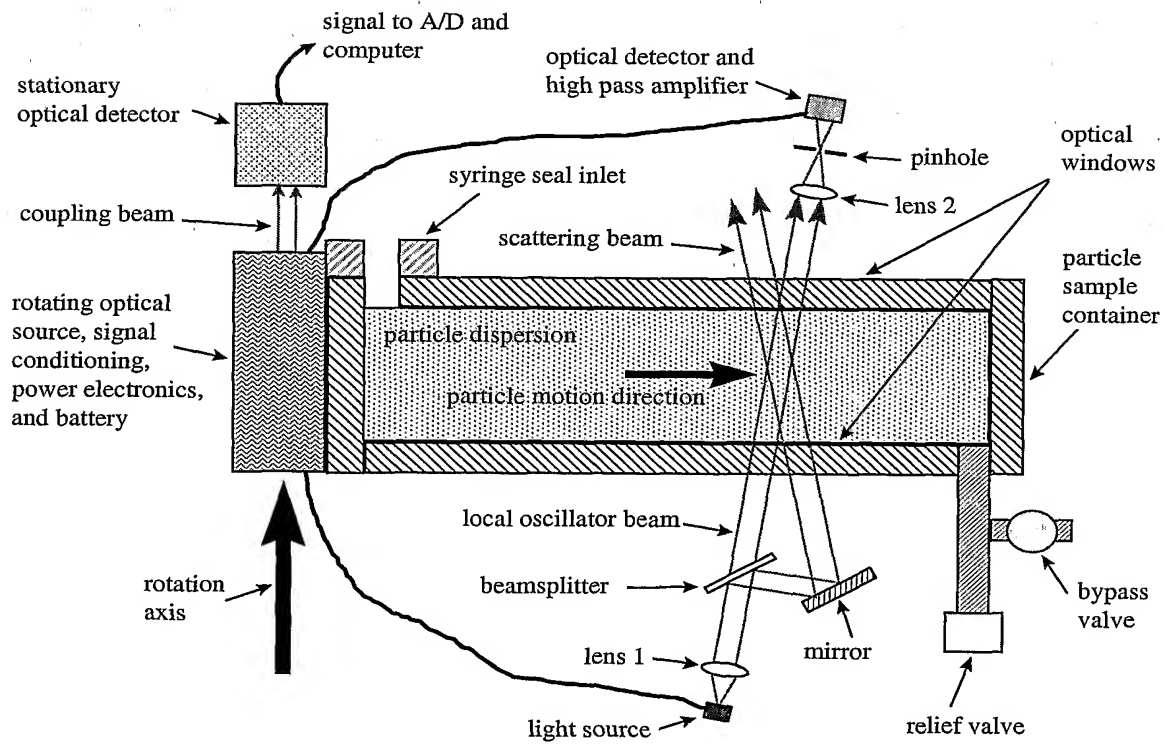


Figure D11

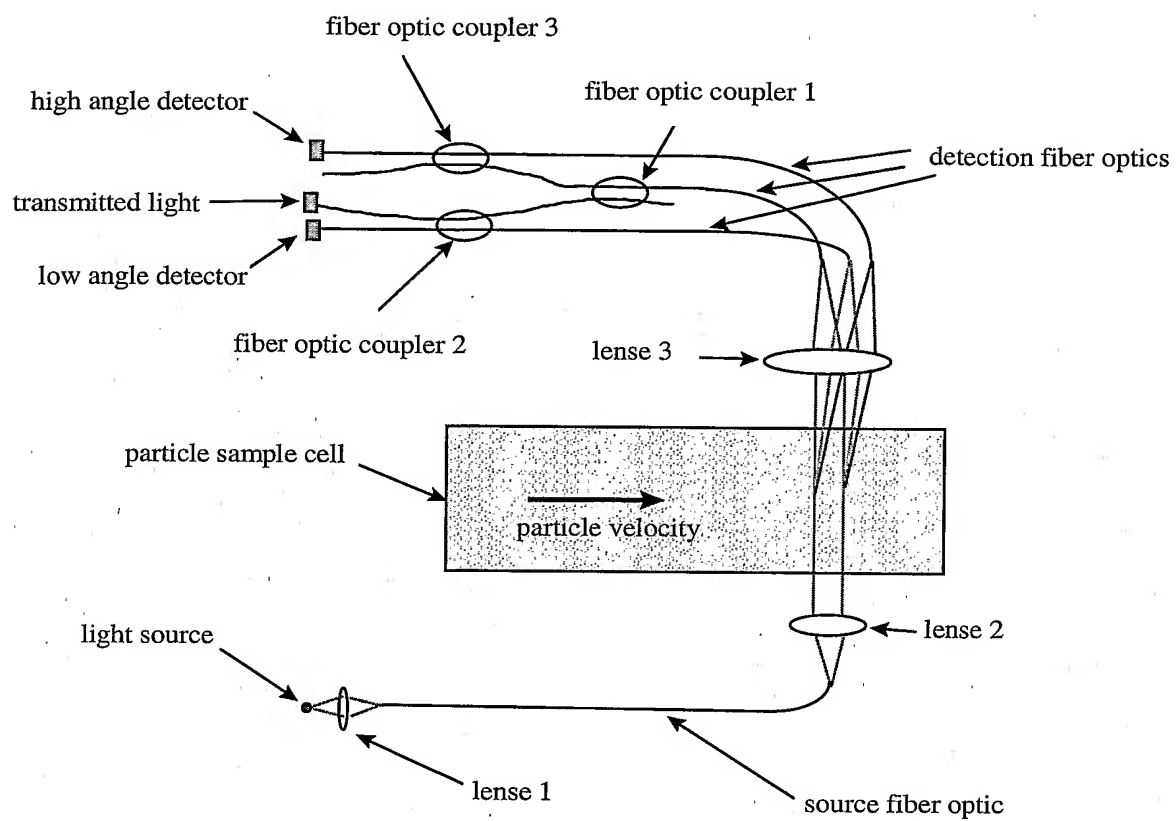


Figure D12

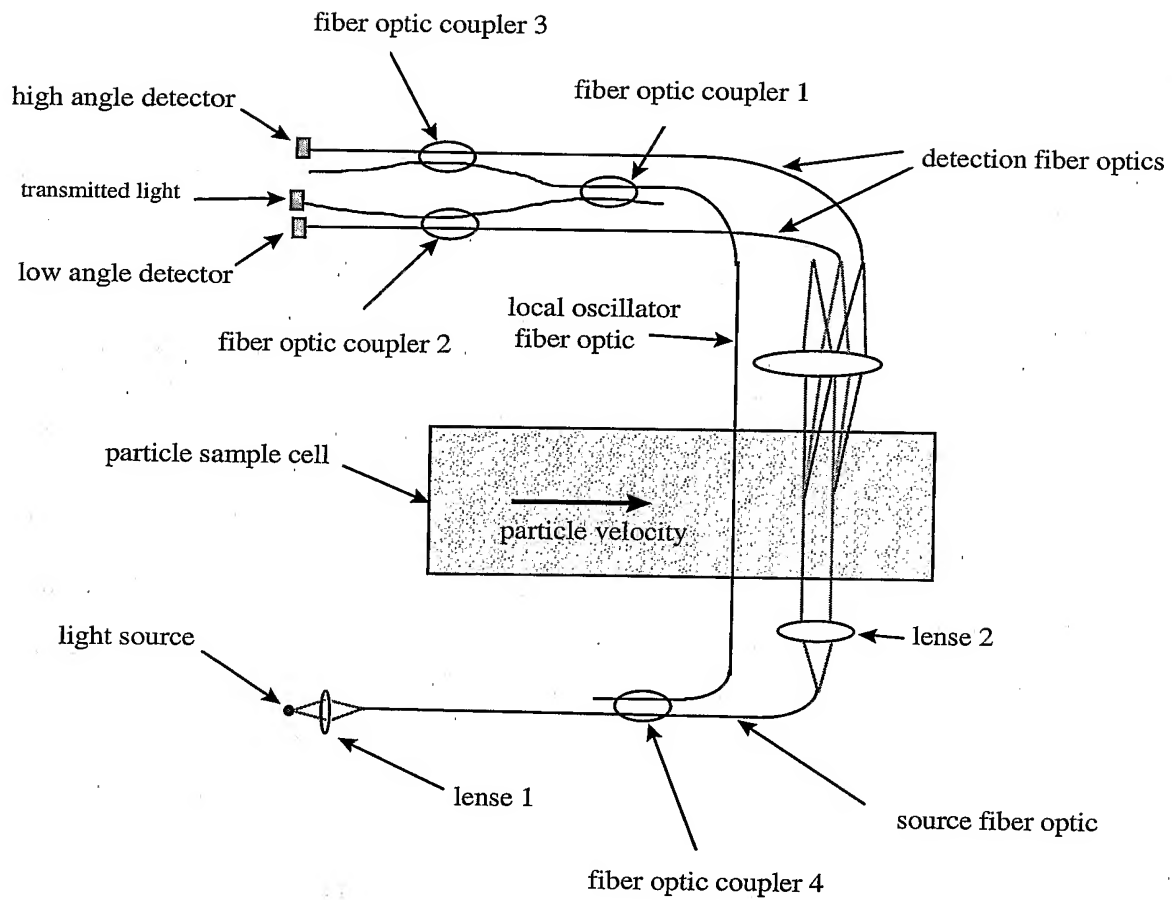


Figure D13

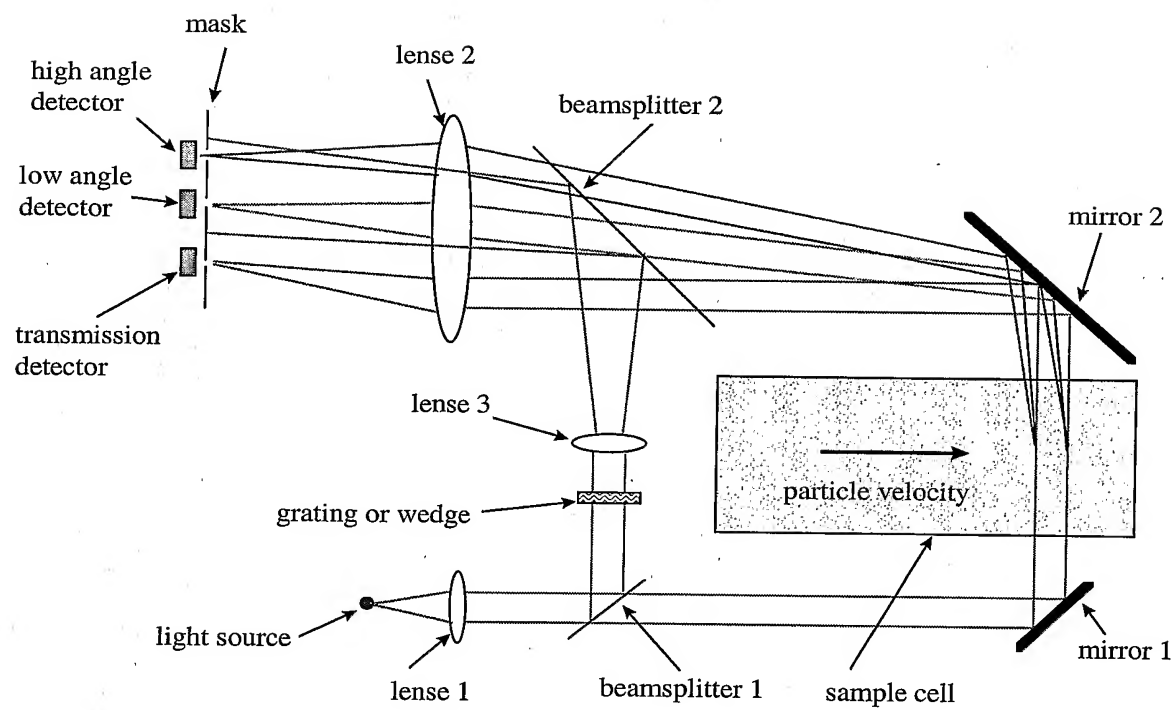


Figure D14

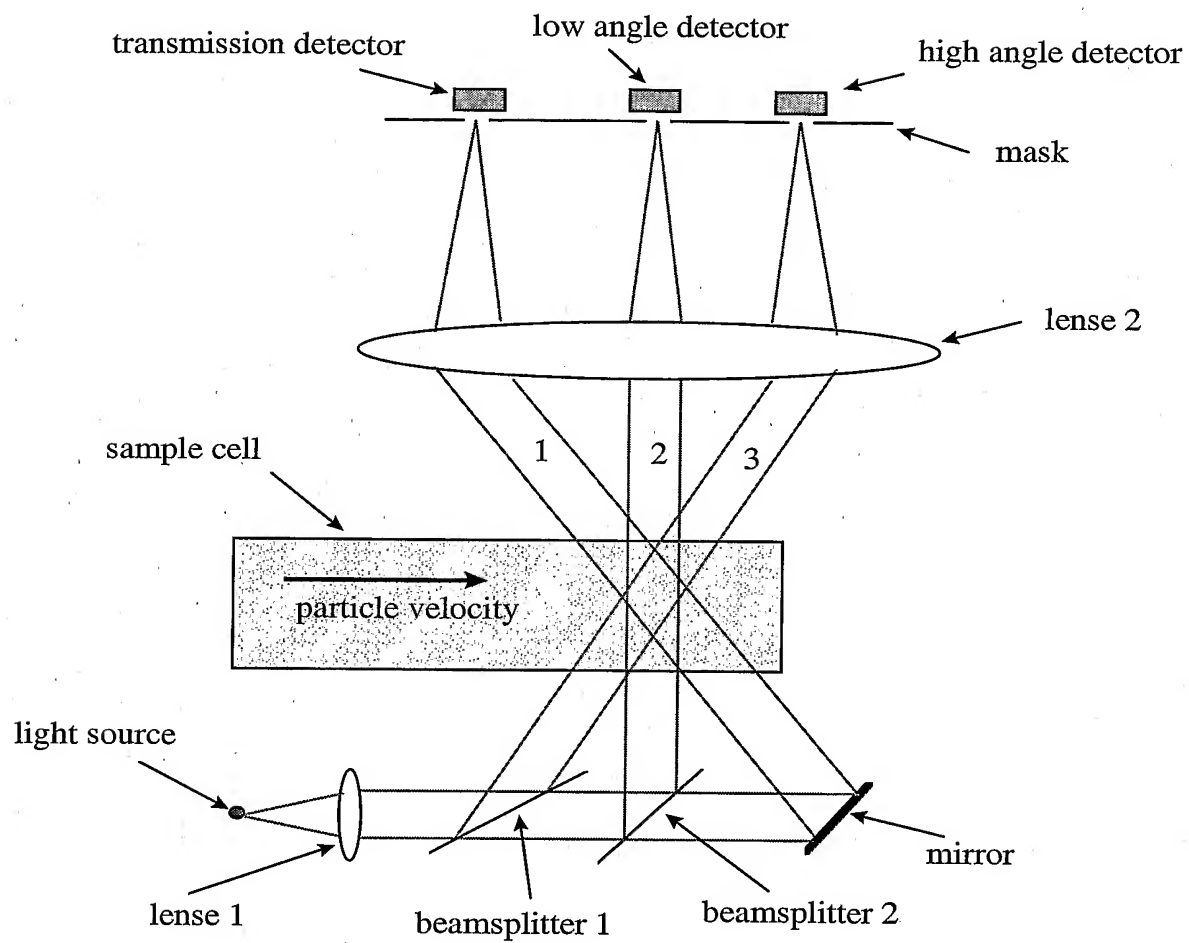


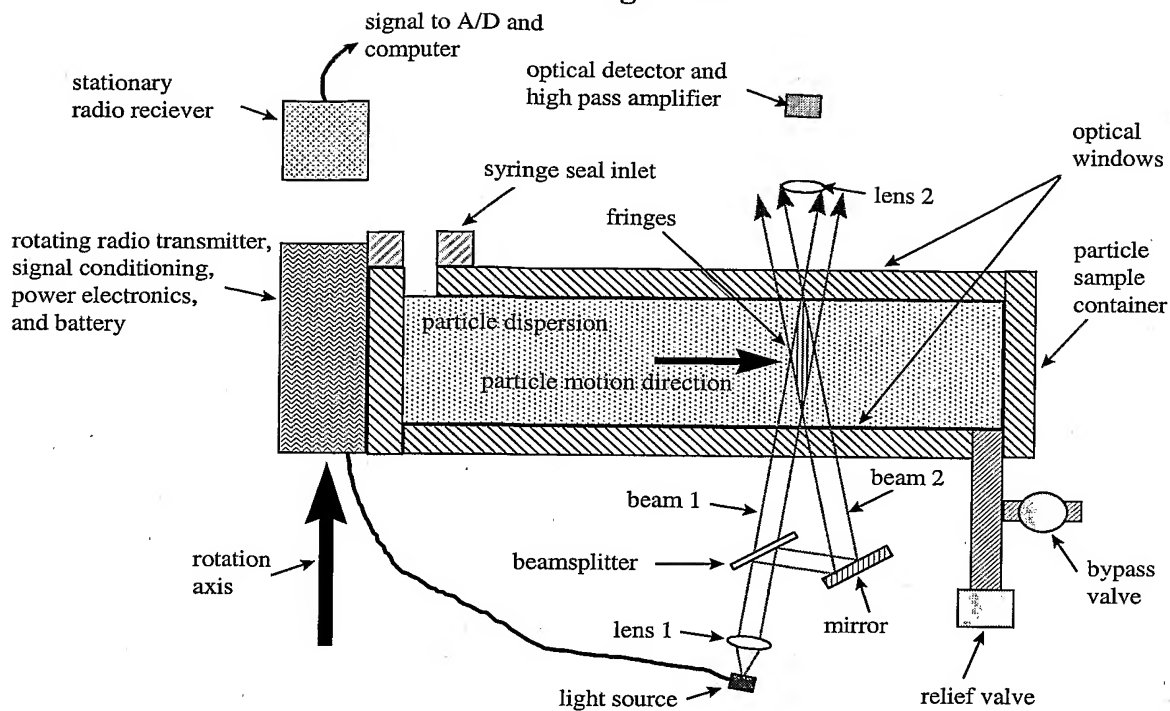
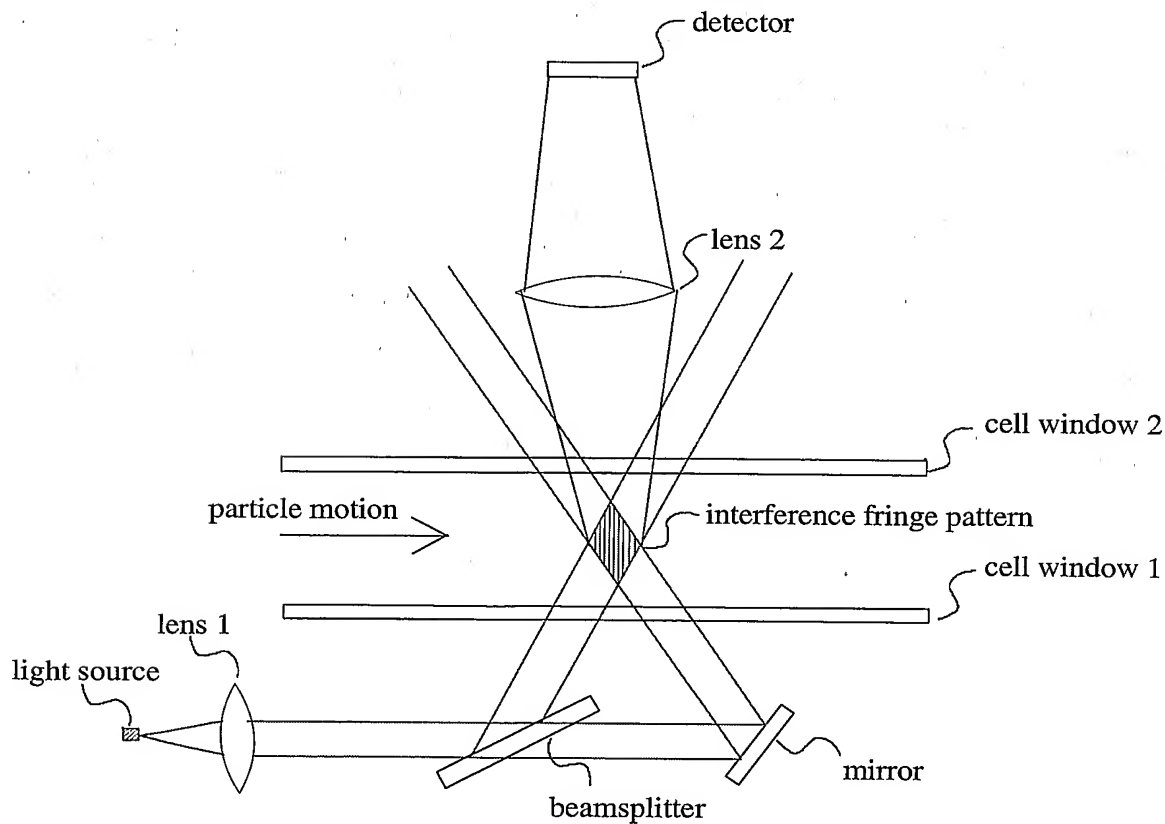
Figure D15**Figure D16**

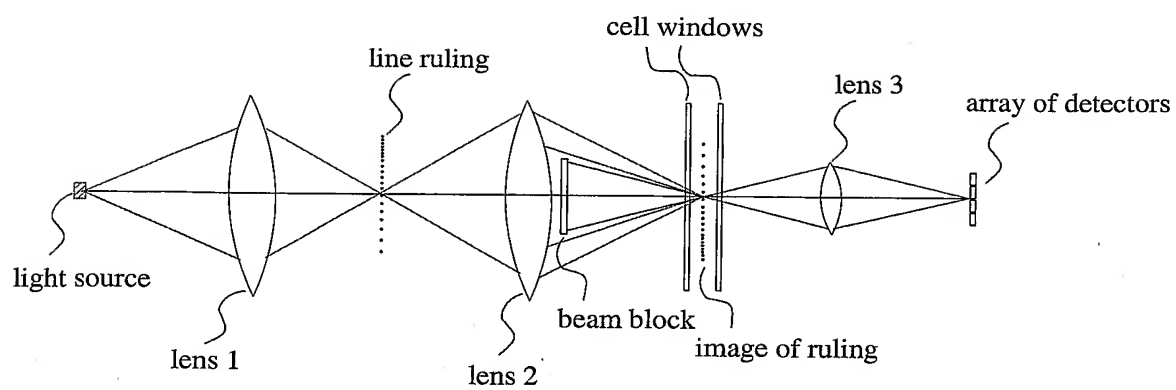
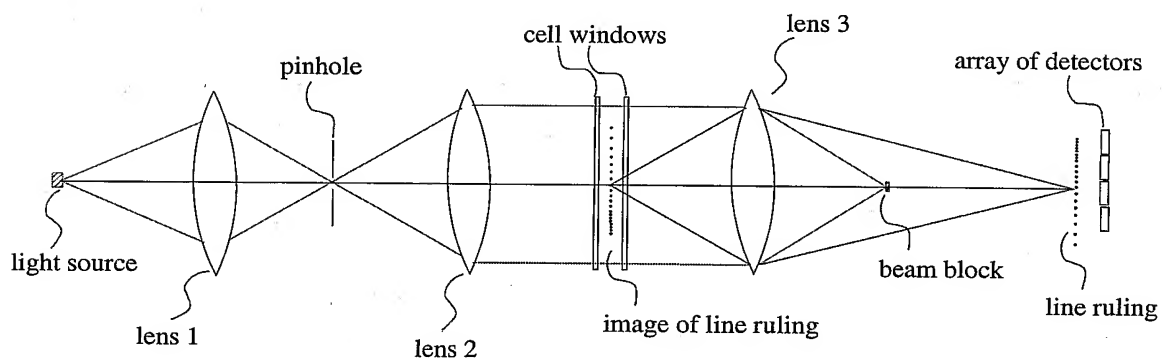
Figure D17**Figure D18a**

Figure D18b

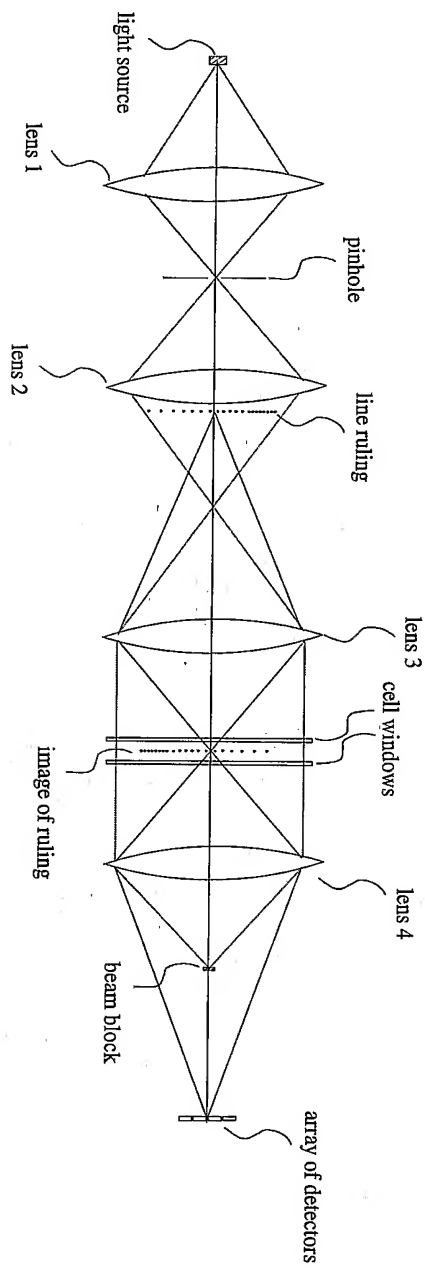


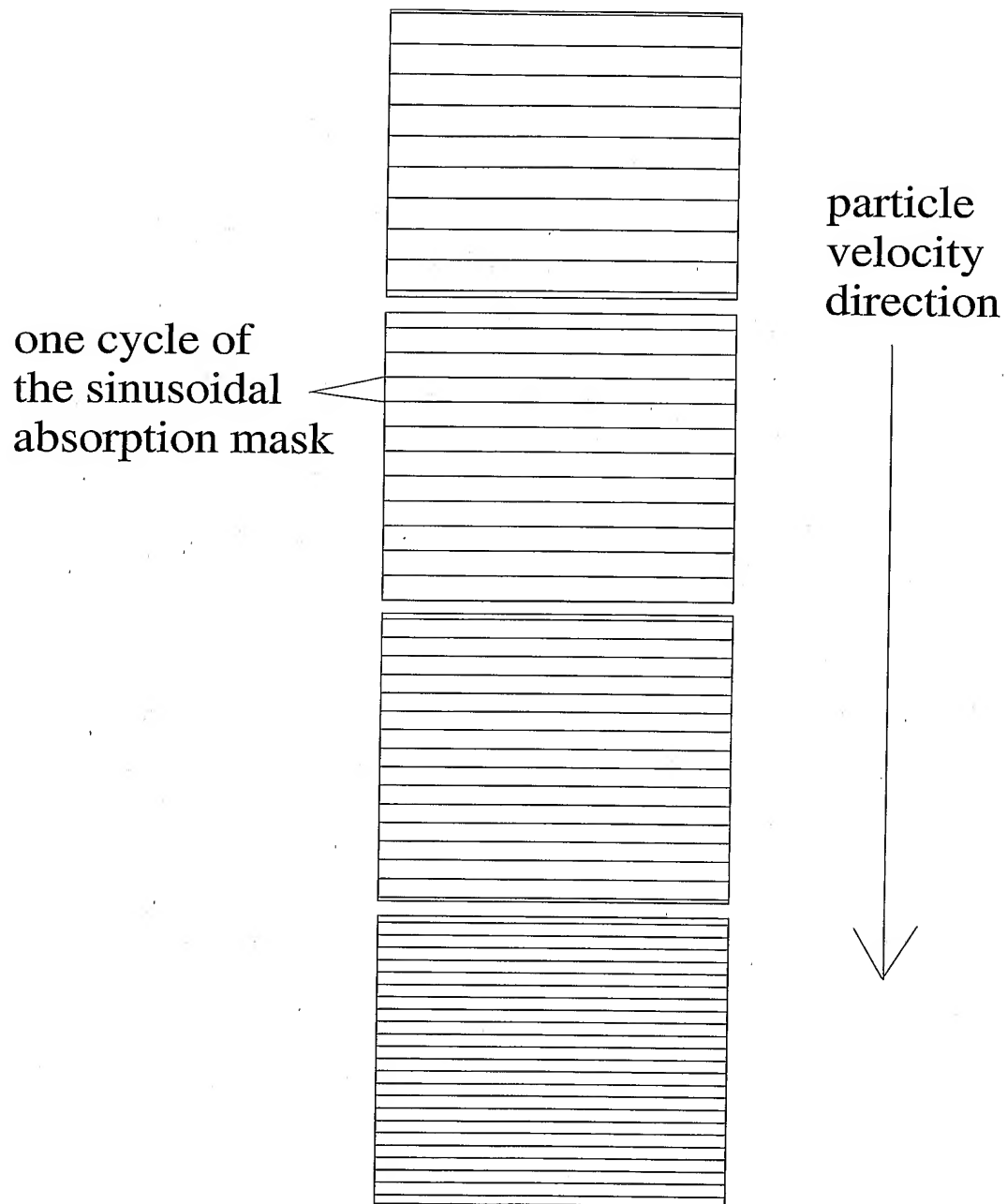
Figure D19

Figure D20

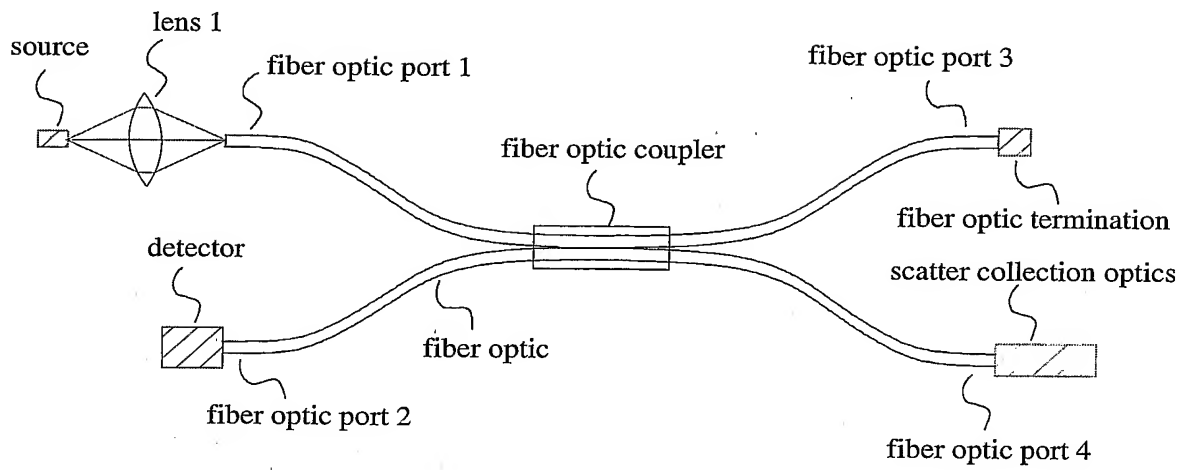


Figure D21

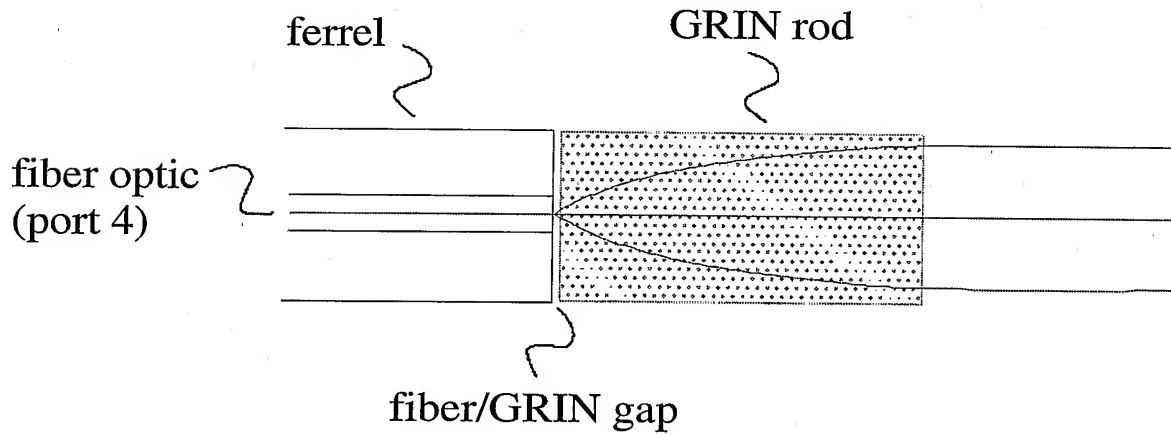


Figure D22

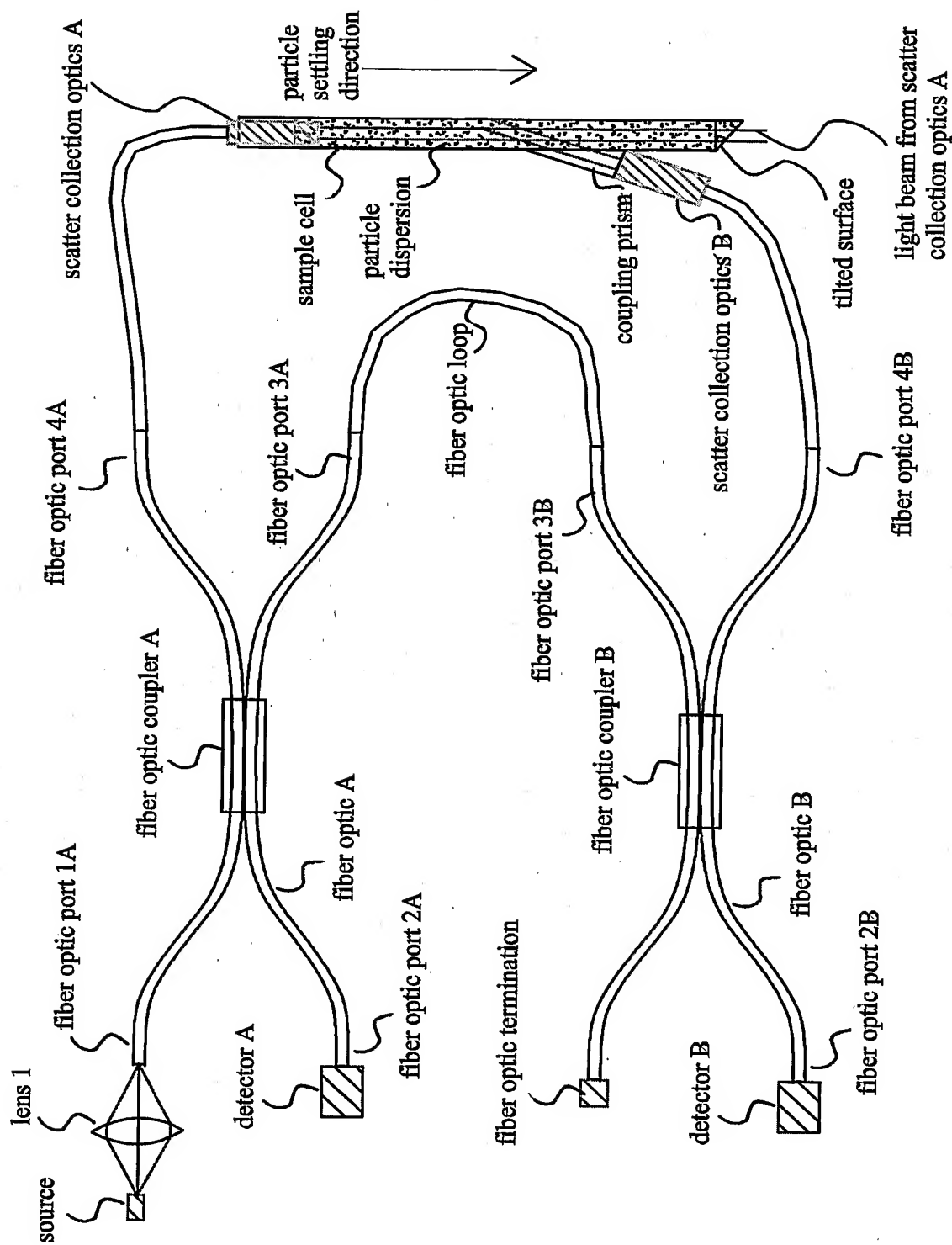


Figure D23

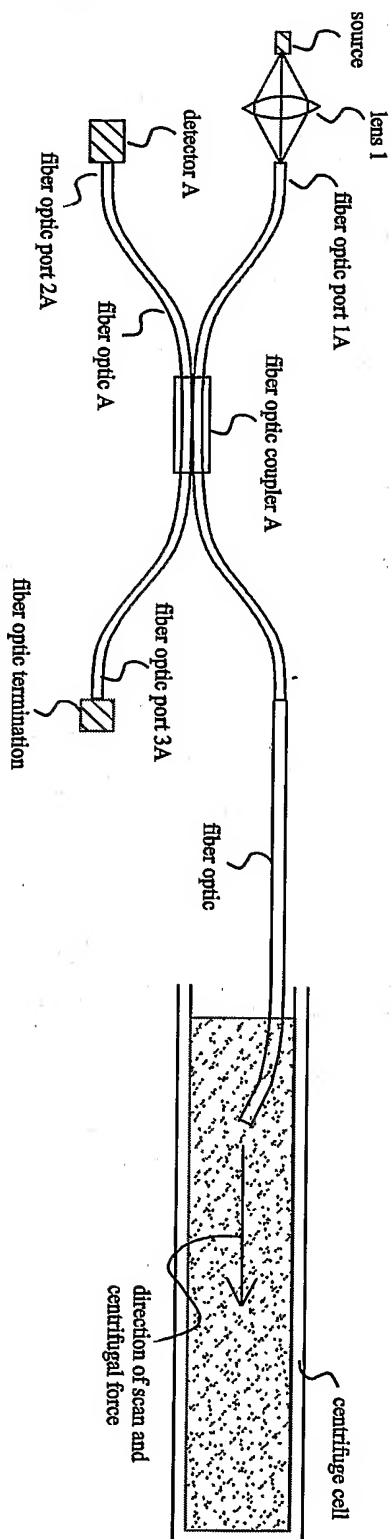


Figure D24

